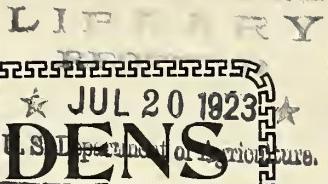


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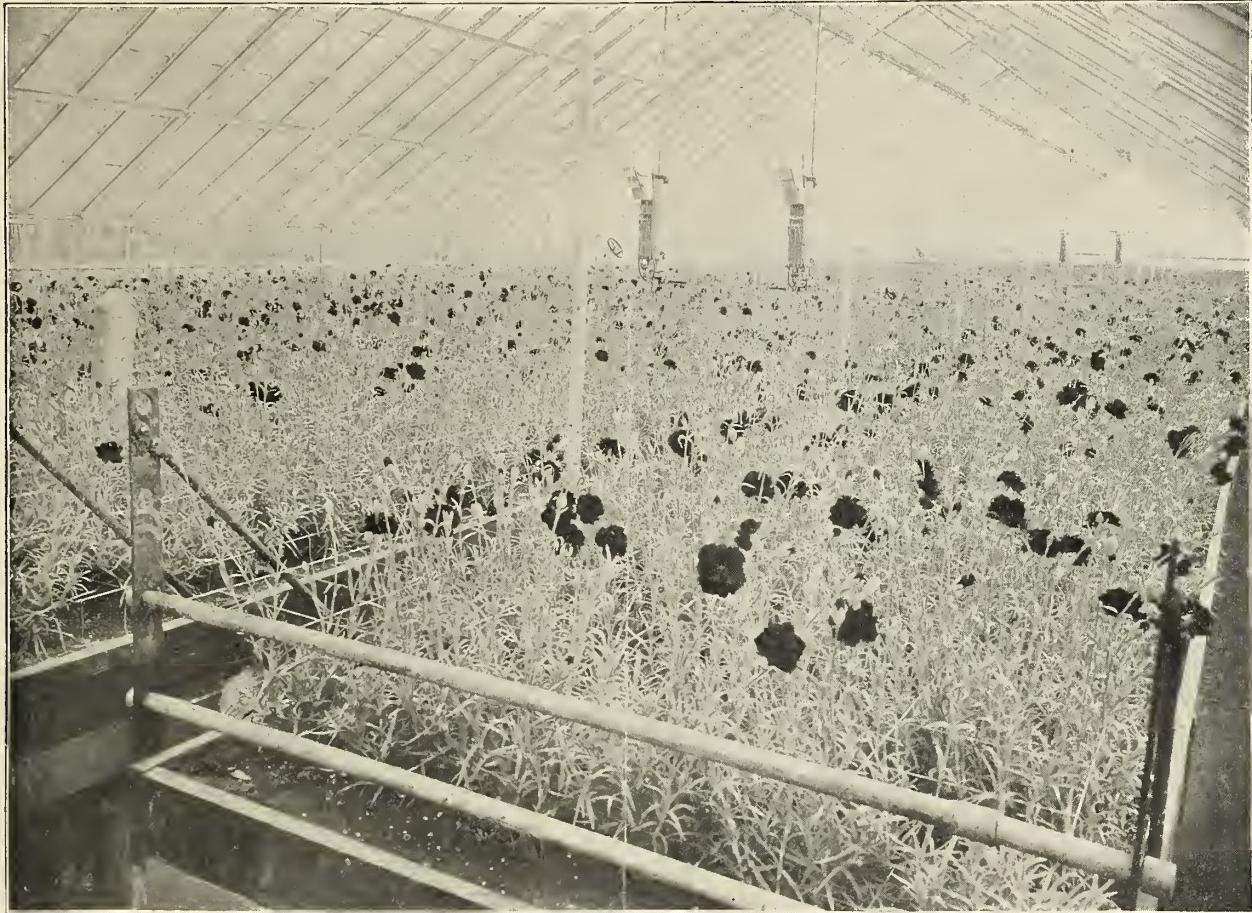


THE COTTAGE GARDENS

QUEENS, NEW YORK

January, 1900

Trade Price List



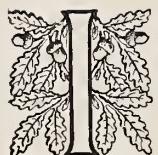
CARNATION GENERAL MACEO.

WHOLESALE GROWERS OF

**Carnations, Geraniums and Other
Florists' Specialties and Novelties**

Long Distance Telephone 91B Queens

TO THE TRADE.

 N PRESENTING our annual trade list for 1900 to our patrons we are pleased to announce that we have again increased and improved our growing facilities during the present season, by the construction of additional growing and propagating houses. We have found it necessary to increase our facilities in order to keep pace with the increasing demand which we find for the stock that we are able to produce, and it is our aim to keep our greenhouse facilities fully up to the times, so that we may be able not only to produce the necessary larger quantity, but also to improve our methods of growing, and that the stock sent out by us shall be of the best grade and in vigorous healthy condition. While the season of 1898 had been the most prosperous of any in our experience, 1899 far exceeded it in volume of business, and 1900 promises the greatest degree of prosperity our country has yet seen. We fully appreciate the fact that in order to remain in the florist business, every florist must keep his stock fully up to the standard of excellence to which the flower-buying public is being educated; we have, therefore, largely increased our line of varieties in the various specialties which we handle, and have also again culled over our stock and discarded varieties which we do not consider up-to-date.

SUB-IRRIGATION.

During the past four or five years the question of sub-irrigation in greenhouse growing has attracted the attention of several of our foremost florists, but as yet has not been practiced on an extensive scale, most of the work having been done in an experimental way at the various Experiment Stations. In order to thoroughly test this system we have during the present season fitted seven of our largest greenhouses with sub-irrigation benches, upon which benches we have growing at the present time our leading varieties of Carnations. While it is yet too early to prognosticate as to what the outcome of these experiments will be, we are free to say that they have been sufficiently successful to warrant investigation by any of our craft who are interested in Carnation growing, and we shall be pleased to receive the visits of any and all of our Carnation brethren who may desire to inspect this system.

AUTOMATIC VENTILATION.

Another improvement in greenhouse management which has attracted attention, is the system of automatic ventilation. After experimenting with one of these machines for the past three years, we came to the conclusion that the system possessed sufficient merit to warrant a thorough trial on a large scale, and our entire greenhouse plant has been fitted with these machines, and visitors may see the results produced under this system.

Again thanking our customers for the very generous patronage of the past season, and assuring them that we shall endeavor to continue to improve the quality of our goods and that we shall further endeavor to fill all of their orders to the best advantage, and wishing them all a prosperous and profitable season, we solicit a continuancy of your esteemed favors. Our line of novelties in plants will be found to have been largely increased, and as usual it contains the best of the new things that are offered.

TERMS.

THIS LIST CANCELS ALL PREVIOUS QUOTATIONS.

Terms of Sale. 25 or more of one sort will be sold at the 100 rate and 250 or more at the 1000 rate. Prices subject to change without notice.

Credit. 60 days will be given to customers of approved credit, 3 per cent. discount for cash within 15 days from date of invoice, or 5 per cent. discount for cash with order.

No accounts opened for less than \$10.00, and orders for less than \$10.00 must be accompanied by remittance to cover same unless party has a regular account.

Orders from new customers must be accompanied by cash, check or satisfactory reference.

Remittances may be made by P. O. Money Order or Express Money Order on Queens, N. Y., Draft, Check or registered Letter. Add 10 cents to personal checks for collection.

C. O. D. Orders must be accompanied by one-half the amount of the order.

Warantee. We warrant all plants or cuttings that are grown by us to be true to name, and to be in healthy growing condition when delivered to express company from our establishment, and we will cheerfully replace any stock not fulfilling these conditions, but we do not warrant any plants of any description to remain free from disease of any kind after they have passed from our care, nor do we assume any responsibility whatever regarding the purchaser's success in cultivating the plants, and every order accepted by us will be filled only upon the above conditions.

Novelties sent out by other growers will be delivered as sent out by introducers, and subject only to introducer's conditions.

All claims must be made **immediately upon receipt of plants or bulbs.** Later claims will not be considered. Where loss occurs through our fault we will take pleasure in correcting it, but we cannot be held responsible for damages occurring in transit.

The **National, Boston Dispatch, United States and American Express Companies** handle all our express matter direct from our greenhouses at New York City **Rate.** **Plants Packed in Closed Boxes** are billed at 20 per cent. less than Merchandise Rates; for example, when the general rate is \$1.00 per 100 lbs., the rate on plants is 80 cents per 100 lbs.

Prepaid Packages of plants and bulbs weighing 4 lbs. or less will be delivered to all points reached by Express Companies for 30 cents each.

Packing is done by experienced men, and plants and bulbs will carry safely to all points when shipped by express.

Plants and other perishable goods when sent in any other way than by express, are solely at Purchaser's Risk.

Don't Forget to write your name, **Post Office** and **Express Office** address, and plainly state **which Express Company** you prefer to handle your consignments.

We Prefer not to send any Plants by Mail unless the party ordering has no convenient express office.

These Quotations are made subject to crop failures and to goods being unsold upon receipt of order.

Send your Orders Early. Don't wait until the last of the season when stocks are broken.

THE COTTAGE GARDENS,

C. W. WARD, Manager.

Queens, New York.

Long Distance Telephone, 91-B Queens.

Remember, you can save 5 per cent. on all your purchases by sending cash with your order.

...THE...

Geranium.

our bedding plants. All Geraniums, however, are not suitable for bedding purposes, and in order that our customers may buy intelligently we have divided the varieties into sections, as follows:

The Giant Single Flowered Section,

which is commonly known as the English round flowered section, is mainly suitable for pot culture, for conservatory or greenhouse decoration, and comparatively few of this section prove good bedders in our hot, dry climate. This section is distinguished by its immense perfectly round individual florets, many of these being of great substance and of splendid lasting qualities when grown under glass. These individual florets range from $2\frac{1}{2}$ to 3 inches in diameter upon well-grown plants, and are borne in medium to large-sized trusses on very strong stems with long foot stalks. This section may well be designated as the highest development of the Geranium, as it contains the finest and most striking varieties that we have. The range of color is very large, and many of the tints are exceptionally striking. For conservatory decoration nothing can be more attractive and satisfactory than a well-grown collection of the Giant flowered section.

Double Aureole Section.

This is another section that is suitable for conservatory decoration, although a number of the varieties are well suited for bedding purposes. They are distinguished generally by white or blush white grounds, with the petals more or less splashed, laced or heavily bordered with pink, crimson, scarlet or carmine over the white centres. The individual florets are large, running from 2 to $2\frac{1}{2}$ inches, and the trusses are also of large size, borne well above the foliage, and are very striking and attractive. This is the most novel of any of the new sections of double Geraniums, some of the varieties being of startling distinctiveness.

Single Aureole Section.

This section is similar to the Double Aureole, containing the same brilliant coloring and novel markings. Many of the varieties in this section, such as Mme. Bruant, Pierre Le Brun, Dryden, Oliver and Andrew Lang, are well suited for bedding purposes.

Double Picotee Section.

This is the most chaste and distinct race that we have yet seen. It is distinguished by a white or blush white ground with a distinct Picotee margin of pink or carmine on each petal, the petal sometimes being dotted and splashed with light tints of the marginal color. The varieties of this section are especially recommended for pot culture, and will prove very attractive in conservatory decoration and fitting companions to the Double Aureole and Giant Single Flowered sections.

The Bruant Section.

This section contains the most valuable varieties for bedding that we have both in double and single varieties. They are distinguished by broad heavy foliage, which is generally deeply zoned and which stands the sun better than any other class. The so-called double flowers are usually semi-double. The habits are generally dwarf and compact and the growth is very vigorous, and usually exceptionally free in blooming. We regard this as the most satisfactory section for bedding purposes in our climate.

The Double Bedding Section.

Comprises such well-known varieties as S. A. Nutt, Marvel, Frances Perkins, Mme. Buchner, Marquese de Montmort, &c.

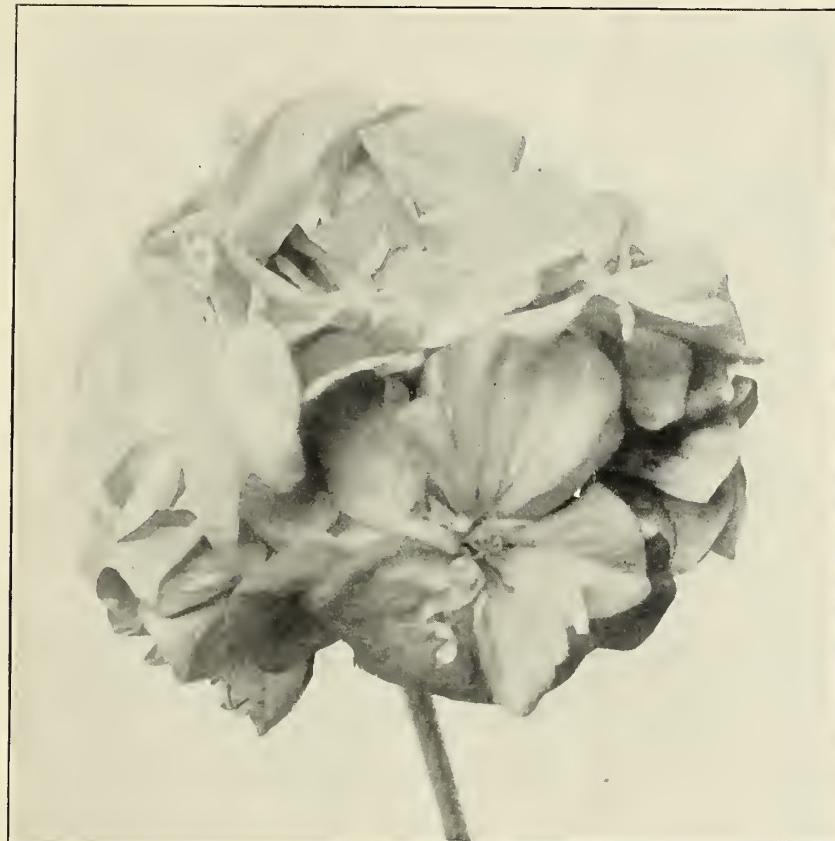
The Single Bedding Section.

Contains such varieties as Rev. Atkinson, Granville, John P. Cleary, Mme. Chas. Molin, and other well-known sorts.

Our collection of varieties in all of the above sections will be found to be very complete and thoroughly well selected, and our stock is large and in splendid condition. We would impress upon our customers the desirability of sending in their orders as early as possible in the season, in order to secure seasonable deliveries.

THE increased interest manifested by the general public in the improved varieties of Geraniums that are now being offered, and the largely increased sales of plants, has compelled us to devote one entire section of our greenhouse plant solely to Geranium culture. We have at the present time 15,000 feet of glass which is devoted to the culture of the various sections of the geranium. The wonderful improvement in the size of individual floret, truss and habit has rendered the Geranium the most useful and brilliant of all of

DOUBLE AUREOLE SECTION—Novelties.



NEW GERANIUM M. H. TILMANT.

AQUARELLE. Semi-double; centre of flower white, changing gradually to a bright crimson pink at the edges; in some instances the petal being distinctly shaded with a band of pink about one-eighth of an inch wide; the habit is rather more vigorous and healthy than the previous members of the Picotee section; the growth is quite strong and compact; this is really the gem of the section. \$1.00 each.

GRANDVILLE. Immense individual floret borne in very large trusses on long, stiff foot stalks; color of flower brilliant scarlet, with distinct white centre surrounded by a bright carmine aureole; floret semi-double; habit dwarf, compact, vigorous, very strong grower and profuse bloomer; unique and indispensable in an exhibition collection. \$1.00 each.

JEAN REMEAU. Immense individual floret; ground color of flower bright rose; centre of bloom pure white suffused with carmine rose; edge of petal bordered with a distinct Picotee edge of brilliant deep carmine; truss very large and full, borne on strong foot stalks; habit decidedly vigorous and healthy; very free in bloom; foliage light green, zoned with darker green; one of the finest of the double aureole section; the flower is semi-double of the type of Beaute Poitevine; exceptionally valuable as a pot plant for exhibition purposes, and we believe will prove a good bedder. 75 cts. each.

LA FRAICHEUR. Quite double, pure snow-white, distinct narrow Picotee edge of clear rosy pink; the effect is especially fresh and delightful; dwarf, compact, very vigorous grower and an abundant bloomer; no florist should miss this variety. 35 cts. each; \$3.50 per dozen.

M. H. TILMANT. Brilliant carmine pink with distinct white blotch in centre, upper petals veined and shaded with rosy carmine; border of petal distinctly shaded with scarlet; individual floret very large, 2 inches and upward; truss large, held well above the foliage; habit very strong and vigorous; foliage light green zoned with darker green. One of the finest of the double aureole section. 35c. each; \$3.50 per dozen.

J. B. VARRONE. Enormous single floret borne well-erect on medium-sized trusses; color bright carmine pink, with distinct white centre; edge of petal deeper carmine; habit vigorous, being an exceptionally fine grower and a free bloomer; foliage light green, zoned with deeper green; makes a splendid specimen as a pot plant. 35 cts. each; \$3.50 per dozen.

BRUANT NOVELTIES.



MME. LANDRY.

MME. LANDRY. (*Bruant Race.*) Double. One of the choicest and most beautiful yet added to the Bruants. Very free and constant in bloom throughout the season; trusses large, and florets of the finest size and circular in form; color, clear salmon, centre shading to copper, with a white eye. Very distinct, and pronounced superb by the raiser. 20 cts. each; \$2.00 per dozen.

MME. CHAROTTE. This is one of the finest sorts of the Beaute Poitevine class that has been introduced; the habit is dwarf, spreading, very vigorous; foliage heavy, deep green in color, with a distinct broad chocolate zone; the trusses are enormous, 6 to 8 inches in diameter, and borne in the greatest profusion on fine foot stalks; the individual floret is very large and round, $2\frac{1}{2}$ inches in diameter, semi-double; color clear, distinct rosy salmon, occasionally marked with white at times; it is a splendid bloomer and a decided acquisition, and we are of the opinion that it will prove one of the most attractive bedding varieties yet introduced; the form of the flower, truss and habit are superior to Beaute Poitevine; this will be unexcelled as a pot plant, as we know of nothing that can be grown to greater perfection for this purpose. 35 cts. each; \$3.50 per dozen.

JEAN VIAUD. Very large semi-double blooms borne in large trusses well above the foliage; individual floret large; color bright rosy pink with distinct white blotch in the centre; habit dwarf, compact, very vigorous and exceptionally free blooming. Foliage clear deep green with distinct bronze green zone; probably the best pink geranium for bedding yet introduced. 50 cts. each; \$5.00 per dozen.

THOMAS MEEHAN. Double, very large trusses and large florets of fine circular form, color brilliant rosy pink, base of upper petals blotched with orange, quite a new color and a distinct and attractive variety. 15 cts. each; \$1.50 per dozen.

COL. BARRE. Semi-double, dwarf, very free bloomer; an entirely new color; lower petals bright rosy pink, upper petals of a darker shade with scarlet markings at the base; florets large and of elegant form, while the trusses are exceptionally large. 15 cts. each; \$1.25 per dozen.

NOVELTIES IN DOUBLE BEDDERS.



DOUBLE BEDDING GERANIUM M. CANOVAS.

M. CANOVAS. Immense trusses of brilliant fiery scarlet flowers, shaded with velvet maroon; individual floret very large and similar form to Beaute Poitevine. Habit exceptionally vigorous and identical with S. A. Nutt, but seems to have more constitution. This variety we consider a strong rival to Nutt; the color is more brilliant, the truss is larger and the semi-double floret is a distinct advantage. 35 cts. each; \$3.50 per dozen.

RICHELIEU. Fine large trusses of fiery scarlet flowers with shadings of crimson and maroon; habit very vigorous, dwarf, yet a strong, healthy grower; foliage clean, stands the sun well, distinctly zoned; trusses held well above the foliage, in color and profusion of bloom in every respect the equal of S. A. Nutt, while the habit is much more desirable, being decidedly dwarfer. 35 cts. each; \$3.50 per dozen.

MME. CARNOT. Individual floret, very large, petal also very large and perfect; color purest snow white; habit compact, healthy, very free in bloom; the most promising new white that has been brought to our attention. 35 cts. each; \$3.50 per dozen.

MATHIEU DE DOMBASLE

Very full bloom, centre of flower delicate daybreak salmon shading to a cream at the edge of the petal; truss large, held well above the foliage; profuse bloomer; habit exceptionally strong and vigorous; foliage deep green, distinctly zoned with chocolate green; a great acquisition in this section, as heretofore this peculiar creamy salmon color has always been accompanied by a delicate habit. 35c. each; \$3.50 per dozen.

PASTEUR. One of the most brilliant colors that we have in the scarlet section, being a bright orange scarlet fully equal to Raspail Improved; truss is large, well formed; floret large semi-double; habit is dwarf, vigorous; foliage very clean with distinct deep chocolate zone; exceptionally free in bloom; this variety bedded out the past summer did remarkably well; we deem this the most promising new scarlet. 75 cts. each.

MALGACHE. This may be described as a yellowish orange and belongs to the class of so-called yellow geraniums; habit is good, growth is vigorous and healthy; it is quite free in bloom and is the best of the so-called yellow section that has been called to our attention. 35c. each; \$3.50 a doz.

MARIE FOURNIER. Large semi-double blooms, pure deep pink with distinct white centre; occasionally striped and spotted with white; habit dwarf, very vigorous, free in bloom; one of the brightest of the double pinks. 35c. each; \$3.50 per dozen.

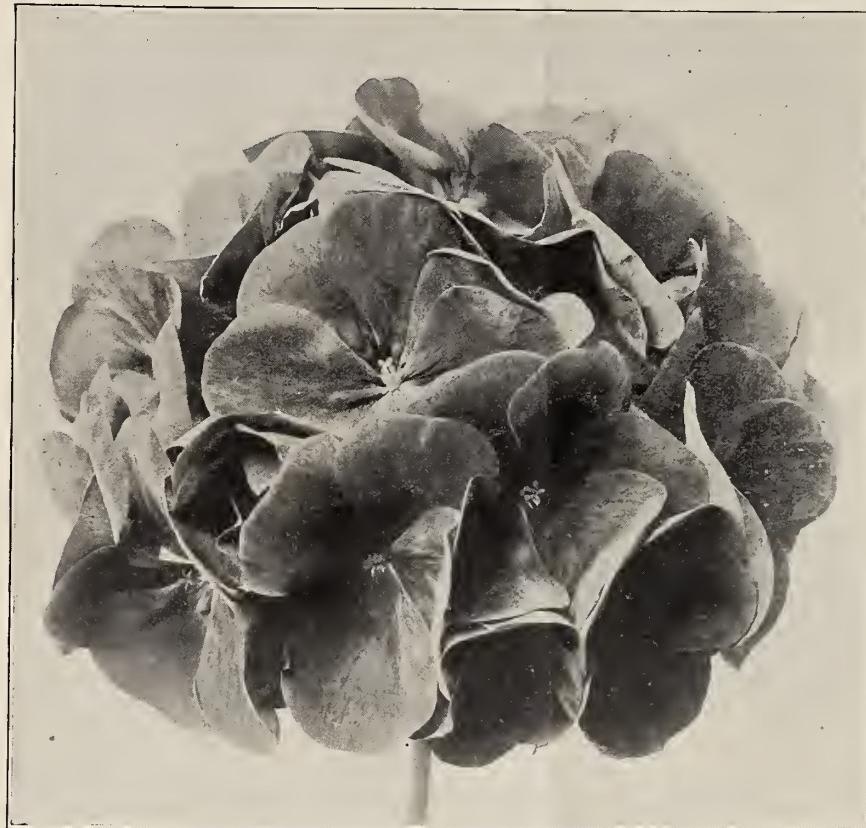
NOVELTIES IN SINGLE GERANIUMS.

CHATEAUBRIAND. Enormous trusses, 6 to 7 or more inches in diameter, borne on exceptionally strong foot stalks; individual florets very large, composed of large straight petals; the truss is literally packed full of the beautifully formed flowers; color distinct crimson-scarlet, upper petals veined with deep maroon, shading to black; habit very dwarf, but vigorous and strong branching grower; profuse bloomer and an exceptionally promising single bedder. 35 cts. each.

VELOUSE. Large trusses, medium-sized florets; color bright amaranth, distinct blotch of fiery scarlet on the lower petals, also veined with deep maroon; habit strong and vigorous; distinct and striking. 35 cts. each.

C. W. WARD. Large truss, composed of large petaled, very round, perfectly formed flowers; trusses borne on very stiff stems well above the foliage; color a brilliant deep apricot-salmon; habit exceptionally strong and vigorous, very free blooming; foliage distinct and of the type that stands the sun perfectly; color dark green, with distinct chocolate zone; growth vigorous, compact; one of the best of this section and undoubtedly has a brilliant future as a bedding plant. This variety may be described as a distinct advance upon such varieties as Mrs. A. Blanc and H. Dauthenay, being in all respects an improvement. 50 cts. each; \$5.00 per dozen.

POUSCHKINE. Deep carmine rose, with a distinct white eye, the eye upon the lower petals



SINGLE BEDDING GERANIUM DE LA VIGNE.

being pinkish-white at the centre; trusses medium in size, but borne with great profusion; distinct in color, exceptionally attractive. 35c. each.

DE LA VIGNE. Enormous trusses, 6 to 7 or more inches in diameter, held high above the foliage on stiff straight stems; individual flower large, composed of broad petals, forming a very circular flower; color brilliant velvety red, shaded with bright orange scarlet, distinctly veined with deep maroon. This is altogether the most brilliant color in geraniums that has yet been introduced; habit exceptionally strong and very vigorous; foliage distinct and of the type that stands the sun perfectly, deep green with distinct bronze green zone; this is far superior in point of color, size, truss and flower to the old Rev. Atkinson, and we believe should entirely supersede that variety. 35 cts. each; \$3.50 per dozen.

JOHN P. CLEARY. Enormous trusses composed of immense very round individual florets, single flower measuring upwards of 2 inches in diameter; single trusses measure from 6 to 7 or more inches in diameter; truss borne rigidly on very stiff foot stalks; color a most brilliant shade of deep-orange scarlet, with distinct maroon eye and upper petals distinctly veined with maroon; color so brilliant as to completely dazzle the eye; foliage clear deep green with distinct zone; this is the freest blooming single scarlet geranium that we have had upon our place for many years; the habit in the field is all that could be desired, being strong, compact and vigorous, yet sufficiently branching to completely cover the ground when bedded out; it throws a continuous succession of its enormous trusses, keeping the bed a mass of intense fiery scarlet during the entire season; we unquestionably recommend this as the best single scarlet geranium for bedding purposes that we have ever had upon our premises. 15 cts. each; \$1.50 per dozen; \$8.00 per 100.

NOVELTIES IN GIANT SINGLES FOR POT CULTURE.

ANDREW LANG.

This is the finest variety of the Mme. Hoste type yet introduced. The color is a glowing scarlet with a pure white blotch on the upper petals, the centre of the flower being surrounded by a distinct aureole of a rich carmine tint. The individual floret is perfect in form, the trusses are immense and borne in the greatest profusion upon long erect foot stalks. This is by far the best variety yet seen from the new French strain, as it surpasses them all in vivid coloring, as well as in size of truss, form of the flowers, vigor of habit and profuseness of bloom. 35c. each.

CERISE. Clear cherry-red; a very bright attractive flower of distinct shade of color; the blooms are large, of good substance, and very freely produced; plant robust but of good habit, with clear bright green foliage. 25c. each.

DOROTHY BURROUGHES. Delicate blush pink; a most lovely flower, reminding everyone who sees it of apple blossom; pips large, beautifully rounded, and of great substance; this is an immense improvement upon "Stella Massey," which has been for a long time the standard in this class. 50 cts. each.

OLIVER. Another magnificent variety of the Mme. Hoste class. The color of the flower is a bright glowing scarlet, centre being pure white, suffused with rich magenta; habit vigorous, healthy and exceptionally floriferous. This is indeed a brilliant gem, and one of the brightest and most telling of all the varieties that have been raised from the new French strain; the habit is remarkably dwarf, compact and free, and can be grown to perfection as a specimen pot plant. 35c. each.



GIANT SCARLET AUREOLE ANDREW LANG.

BARBARA HOPE. Pale salmon pink, with white eye, shading off almost to white at the margin; a very large flower of almost perfect form and great substance; the plant has a splendid habit, robust but dwarf, and produces flowers with wonderful freedom. 35 cts. each.

M. MEZIERS. Very round, large petaled blooms; color light pink, distinctly punctuated with bright carmine dots; upper petals with distinct white blotch; habit strong and vigorous. This is the best of the spotted section yet introduced. 50 cts. each.

JEAN DE LA VAUDERE. Large, round bloom, medium size trusses; color bright peach pink, with pure white centre; upper petals distinctly punctuated with carmine dots; habit dwarf, not very vigorous; quite chaste and suitable for pot culture. 35 cts. each.

DOUBLE-FLOWERED IVY-LEAF GERANIUMS—Novelties.

A short time since there were no double-flowering Ivy-leaf Geraniums, yet now we have many that are more double than a rose, all distinct, and many of them valuable for cut flowers. Few people can form but the slightest conception what magnificent varieties we have in this family, and what splendid specimen plants they make trained on trellises; and what is more surprising, all have been introduced within a recent period; in fact, no class of plants has made such rapid progress in so short a time.



NEW ORCHID FLOWERED IVY-LEAVED GERANIUM LEOPARD.

LEOPARD. This is the most distinct novelty in the Ivy-leaved section yet originated. It is absolutely distinct from any other variety in this section. The flower is large, semi-double and borne in medium size trusses. The color is remarkable, being fully as rich and distinct as an orchid. The ground is a clear lilac pink, the upper petals being heavily blotched with deep crimson and usually marked with distinct maroon dots. The variety is unique and fully as striking as many of the orchids; many people mistaking it for an orchid flower. This will make one of the most distinct basket plants in cultivation, and as it is as easily grown as any of the Ivy-leaved Geraniums it will be valuable for cut blooms, as the flowers produce the same color effects as are produced by using rare orchids. The blooms are good keepers and will last several days after cutting. The habit is exceptionally strong and vigorous and it flowers abundantly through the winter season. 75 cts. each.

THE BRIDE. Quite a distinct novelty in the way of a white Ivy-leaved Geranium. The flower is very double and produced in large sized trusses; color a pure white shading blush at the centre during the dark weather. Habit very vigorous and a free bloomer. 25 cts. each.

ACHIEVEMENT. A unique novelty. A cross between Souv. de Chas. Turner and a pure white Zonale. Habit and flower resemble both parents. Habit is sturdy, like the Zonale, while foliage is a combination of Zonale and Ivy. Flowers large, with nice, smooth, semi-double petals. Trusses of good size, freely produced. Color a distinct and pleasing shade of soft salmon-pink. 35 cts. each.

GIANT FLOWERED SINGLES, INTRODUCTIONS OF 1899.



NEW GERANIUM HALL CAINE.

HALL CAINE. Fine large trusses produced in great profusion, held high above the foliage; individual florets immense, $2\frac{1}{2}$ to $2\frac{3}{4}$ and occasionally 3 inches in diameter; color bright cherry red; the habit is dwarf and compact, and exceptionally valuable as a pot plant for exhibition purposes. This is a striking flower; its telling color and immense size attracts universal attention; it is also a fine, vigorous grower; foliage light green, with a light zone of deeper green. 20 cts. each; \$2.00 per dozen.

CHAUCER. Cerise, a beautiful, clear, bright shade; an immense flower, nearly 3 inches in diameter and of first-rate form; this is a very distinct novelty and fine in every way; superb variety. 15 cts. each; \$1.50 per dozen.

IAN MACLAREN. A very deep, warm shade of salmon, paler at the margin of the petals and deepening almost to orange at the centre, perfectly circular in outline and of wonderful substance, a grand flower in size, form and color. 15 cts. each; \$1.50 per dozen.

RUDYARD KIPLING. Fine dwarf, free-blooming habit; well shaped round bloom, $2\frac{1}{4}$ inches in diameter, of great substance; color rich crimson-purple or amaranth, with glowing crimson blotch at base of upper petals; a magnificent and striking variety. 20 cts. each; \$2.00 per dozen.

CRABBE. Bright cherry red, a most charming shade. The flowers are very large, $2\frac{1}{2}$ inches in diameter, and beautifully rounded, combining to form fine massive truss, 16 inches circumference; a very telling and effective variety. 15 cts. each; \$1.25 per dozen.

HERRICK. Rich glowing scarlet, with slight crimson shadings on the upper petals and distinct veins of maroon; individual florets exceptionally large size and good substance; this is one of the most telling colors, as well as one of the largest and finest formed flowers which has appeared in its class; habit is very good, being dwarf, compact and exceptionally floriferous. 15 cts. each; \$1.50 per dozen.

GERANIUMS, GIANT SINGLE AUREOLES, INTRODUCTIONS 1899.



NEW GERANIUM MARK TWAIN.

GERANIUMS, DOUBLE AUREOLE, INTRODUCTIONS OF 1899.

PREDICTION. Reddish violet, bordered with carmine, maculated, veined and dotted with lively rose, shading to white at centre; strong, vigorous, compact habit, free grower and profuse bloomer; quite a novel flower. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

HUBERT CHARRON. A very beautiful semi-double; clear white centre, with a heavy band of reddish carmine around each petal, maculated pure white; could be called a double Camille Bernardin; fine habit, profuse bloomer; unique, showy and striking; one of the finest of this class. 15c. each; \$1.25 per dozen; \$10.00 per 100.

PAUL BARRE. Delicate rosy pink bands shading to flesh pink, with large, snow-white centre. Florets 2 inches to $2\frac{1}{4}$ inches in diameter; very large, round trusses; habit strong and vigorous; foliage large, clean, and of a pleasing shade of green; one of the most attractive of this class. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

HENRI DE PARVILLE. Pure white centre, suffused with a rich lake on the upper margin, surrounded with broad bands of bright carmine-rose; large semi-double floret; strong, compact habit; profuse bloomer. \$1.00 per dozen; \$8.00 per 100.

MARK TWAIN. A striking variety of the English round-flowered type. Individual florets very large and of great substance, lasting well when cut, as the petals do not fall readily. Ground color nearly white, closely dotted and flaked with carmine, color deepening to a rich lake at the margin of the petals. Strong, vigorous habit. The most striking variety to date. 20c. each; \$2.00 per dozen.

PIERRE LE BRUN. Enormous trusses, flower large, perfectly round. Color deep rose, completely marbled and veined with a sable-carmine, edge of petals very lively with brighter shades. May be termed a rosy scarlet Fleur Poitevine. Habit vigorous and strong, and a free and continual bloomer. A grand and novel sort. 15 cts. each; \$1.50 per dozen.

GERANIUMS, DOUBLE AUREOLES, INTRODUCTIONS OF 1899—Continued.

MME. GOYEUX. Soft rosy pink, with large, white blotch in centre; dwarf, yet vigorous habit; fine truss well above foliage; individual floret very large; very profuse bloomer; a charming flower that attracts attention at once; a pretty, attractive color and easily grown. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

EMANUEL ARENE. Double; very large round floret, 2 inches to $2\frac{1}{2}$ inches; pure white, with broad bands of rosy scarlet; clear and distinct; extremely vigorous grower, throwing the large trusses well out on strong stems; showy, distinct, startling and unique; very desirable. 15c. each; \$1.25 per dozen; \$10.00 per 100.

Double Crimson Section:

RYECROFT PRIDE. One of the best double crimsons we have had; very large floret, 2 inches in diameter, borne in large fine trusses; color a pure crimson, as in Meteor Rose, upper petals shaded bright scarlet; habit compact, dwarf, vigorous and healthy. 15c. each; \$1.25 a dozen; \$10 a 100.

DOUBLE HENRY JACOBY. A fine double form of the well-known H. Jacoby, which has probably been disseminated to a greater extent than any other single Geranium; color rich brilliant crimson, upper petals heavily shaded with bright scarlet maroon, producing a brilliant and striking effect approached by no other variety; habit dwarf, very floriferous. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

LA FAYETTE. Large, spherical trusses; color deep violet crimson; dwarf habit; fine compact grower; one of the most profuse bloomers of all; a magnificent variety. \$1.25 per dozen; \$10.00 per 100.

DR. DESPRES. Fine large truss composed of immense individual florets; color a brilliant shade of pure crimson, three upper petals distinctly margined and blotched at the centre with brilliant scarlet; habit compact and dwarf, very free



NEW SINGLE AUREOLE GERANIUM PIERRE LE BRUN.

in bloom and a splendid variety. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

Double Crimson and Purple Section.

CÆSAR. Large trusses. Color a rich red-solferino, very brilliant and effective. Good, clean dwarf habit, very free bloomer. Attractive and one of the best of this class. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

KLEBER. Very large trusses, borne in great profusion, rigidly erect, well above foliage. Color dark aniline-violet, rich and striking. Habit compact and rigid. One of the most striking of this class. 15 cts. each; \$1.25 per dozen; \$10.00 per 100.

BEGONIA GLOIRE DE LORRAINE.



BEGONIA GLOIRE DE LORRAINE.

BEGONIAS, NEW DOUBLE SEMPERFLORENS.

An entirely new departure in the Begonia Vernon type. The habits are very vigorous and compact and make fully as good bedding plants as the original single Vernon. The flowers are miniature reproductions of the double tuberous Begonia flowers. These are really very valuable additions to the Begonia family. We offer them in four distinct varieties at 35 cts. each; the set of four varieties for \$1.00.

BOULE DE NEIGE. Strong habit, light green vigorous foliage; blooms large and full, pure white, occasionally lightly tinted with pink with light yellow stamens. One of the best of the set.

GLOIRE DU MONTET. Very free bloom, bright green foliage, compact habit; flowers very double opening on the outside, a bright carmine changing to a clear pink at the centre of the flower.

NANCY. Deep green foliage, medium sized, very double blooms of a clear light pink with yellow stamens.

TRIOMPHE DE LORRAINE. Compact dwarf habit, deep green foliage; a very profuse bloomer, flowers quite double, petals nicely imbricated; color of the buds and flower when opening a bright scarlet, the interior of the flower changing to a cherry carmine when fully developed; the stamens are bright golden yellow, contrasting nicely with the colors of the flowers.

This is one of the most striking plants that has been introduced for many years. The habit of the plant is compact and dwarf, making handsome specimens 14-inches in height and breadth. Its chief attraction is its extreme floriferousness, the entire upper part of the plant being literally covered with its brilliant clear pink flowers, to such an extent that the foliage is usually hidden. It has been grown extensively around Boston, New York and Philadelphia, and brought in in splendid shape for Christmas sales, and the entire stock grown was sold at prices ranging from \$2.50 to \$4.00 each, wholesale, the same plants retailing at from \$5.00 to \$10.00 each. It promises to be more extensively grown than ever for that purpose and is undoubtedly one of the most useful Christmas plants now in existence. Its chief requirements are a soil composed of well rotted sods and leaf mold, a warm moderately dry atmosphere with an abundance of ventilation. When grown in an atmosphere at from 60 to 70 degrees, the foliage kept dry, it seems to produce the most useful and durable plants. We have a fine stock for spring delivery, 2-inch pots, 25c each, \$2.50 per dozen; \$20.00 per 100; 3-inch pots, 40 cts. each, \$4.50 per dozen. Price, after April 1, 2-inch pots, \$2.00 per dozen; \$17.50 per 100.

BEGONIAS, SINGLE SEMPERFLORENS.

We also offer the following six varieties of the Single Semperflorens type. All are profuse bloomers and can also be grown into splendid specimen plants in pots. Price, from 3-inch pots, \$1.50 per dozen; \$10.00 per 100. The set of six varieties for 75 cts.

VESUVE. A very strong growing plant, the entire plant being completely covered with large clusters of bright coral-red blooms. This is a very effective variety for bedding purposes and also makes a splendid pot plant. One of the best of the set.

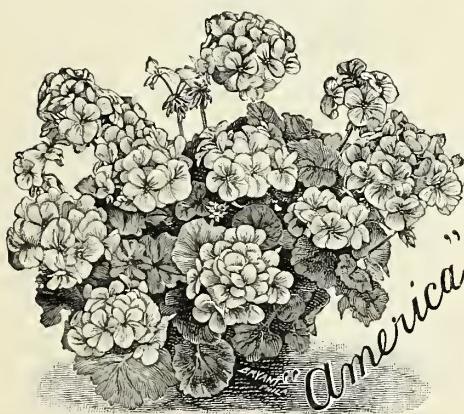
FRAICHEUR. Very compact habit, stems short, immense trusses of light pink blooms, always full of flowers and very effective.

NEW ABUTILONS.

ABUTILON SAVITZI. (New.) The best of all variegated abutilon, forms a compact bushy plant, free from all trace or appearance of coarseness. Foliage bright pleasing green, broadly edged with white, producing a cheering effect when used as an edging for crotons, cannas, caladiums, or similar plants; has proved a good outdoor bedder with us, and is peculiarly desirable as an edging for crotons. Fine plants, 2-inch pots, \$5.00 per 100.

LILLIPUTIAN GERANIUMS.

This new race of very dwarf, free-blooming geraniums is attracting some attention. The plants are slow growers and should not be allowed to flower until fully developed, as once allowed to bloom the plants cease growing and do nothing but bloom.



Nydia. Very dwarf habit, free blooming, producing nice, compact trusses of creamy white flowers, highly tinted in the centre with a lovely shade of pinkish red. 15 cts. each; \$1.50 per dozen.

NEW JAPANESE PAEONIAS.

These magnificent new varieties of Japanese Peonies have attracted much attention on the New York market the past four years. Coming at a season when large decorative flowers are scarce they fill the want completely with their enormous showy and deliciously fragrant blooms. In the all absorbing effort to produce flowers in winter, florists have overlooked many useful plants, which would make their premises attractive in spring and summer and turn in a welcome income. The enormous, fragrant and handsomely colored peonies will prove striking attractions to any florist's grounds, and their magnificent cut blooms are as effective in June and July as the chrysanthemum is in autumn.

Officinalis Crimson. The well-known peony of our grandmother's days. \$1.50 per dozen; \$12.00 per 100.

Officinalis Mutabilis, or White Japan Peony. Fine large full flower, opening pale flesh, finishing creamy or blush white; earliest white peony. 25 cts. each; \$2.00 per dozen.

FOURNAISE. Fine compact habit, producing very large panicles of flowers which droop slightly and are supported by long bright red stems; the flowers are bright coral red and twice the size of the Begonia Fuchsoides; also very effective as a pot plant.

LUMINEAUX. Perfect flowers borne in great profusion; color bright purplish red, a striking improvement on the Red Vernon.

PERLE ROSE. This is a fine variety for bedding purposes; habit is compact and it is always covered with an abundance of rosy pink flowers.

PROFUSION. Color clear pink; habit very free, good grower, entire plant covered with enormous trusses of bright pink flowers.

ARLISIENNE. Very large round flower, tender rose, with white centre.

CAMPANILE. Large saucer-shaped flowers, rosy lake, veined with carmine.

L'IMMORTELLE. Large saucer-shaped bloom, deep rose, veined with carmine.

ROUMISTAN. Very dark purplish wine colored blooms, veined with black; quite distinct. 3-inch pots, 8 cts. each; 75 cts. per dozen.

New Ever-blooming Geranium—AMERICA. (Eichholz) Seedling of Mars.

An ideal geranium for pot culture and bedding. It is of a stronger growth and larger foliage than Mars, retaining the dwarfness and floriferousness of that parent. On opening the flowers are white with salmon centre; once open they shade through all salmon and rose tints, until they become deep, pure rose when fully open. As all color shadings appear at one time on each truss, the effect is unequalled in this class of geraniums. The trusses are as large as Mrs. E. G. Hill, under good culture. This variety will become even more popular than its parent. Strong plants from 3-inch pots. 50 cts. each; \$5.00 per dozen.

Mars. A very dwarf, free bloomer, but not a strong grower, and all blooms must be kept off the plants until the growth is secured, as, if the plants are allowed to flower while growing, they will exhaust themselves with blooming; the plant is literally covered with medium sized trusses of the very pretty single florets; color is a brilliant salmon pink at the centre, shading to a white at the margin. 75 cts. per dozen; \$5.00 per 100.

Le Congo. Quite a distinct variety, with foliage definitely blotched in the centre with a yellowish green in the way of Happy Thought; the color is a deep brilliant crimson shaded with maroon; fully as bright and effective as S. A. Nutt; quite novel. 25 cts. each; \$2.50 per dozen.

Officinalis Rosea Superba. A grand, new Japanese variety, producing magnificent blooms, 6 to 8 inches in diameter, of that much sought after clear, brilliant rose-pink; plant is a strong healthy grower, fully as vigorous as the old crimson officinalis, fully as good a bloomer and withal little earlier in blooming; it is the earliest pink peony and is invaluable for cut flowers; the cut blooms bringing good prices. Strong roots. 50 cts. each; \$5.00 per dozen; \$40.00 per 100.

MISCELLANEOUS NEW PLANTS.

CALLA PENTLANDI (*New Golden-Yellow*). A deep golden-yellow calla, as pure and brilliant yellow as Admiral Dewey chrysanthemum; fine large flowers lasting a long time on the plant; its brilliant yellow coloring is heightened by the contrast of the rich seal-brown throat; matures a very strong bulb, is a good grower, and can be easily forced into bloom at any time after the bulbs have completed their growth and been rested three months; very scarce; only a few blooming bulbs to offer at \$1.00 to \$2.00 each.

CALLA FRAGRANS. Dwarf compact variety, producing an abundance of large fragrant blooms; vigorous grower, makes a fine specimen for house culture; strong. 4-inch pots, 20 cts. each : \$2.00 per dozen.

Specimen plants from 6-inch pots, 75 cts. each.

RUSSELIA ELEGANTISSIMA. (*New*) A very striking semi-trailing plant, especially adapted for hanging baskets, vases, or window boxes, where a delicate graceful effect is sought; the plant is skeleton-like in growth, throwing long spikes of rush-like branching foliage, 2 to 3 feet long, which are literally covered with brilliant coral-red florets; well-grown plants, 3 to 4 feet in diameter, look like a shower of delicate coral blossoms; the effect is unique and graceful; propagates easily, and is a rapid grower as soon as established; strikes in a coleus temperature, and grows finely with geraniums or any warm greenhouse plant.

2-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100.

RUSSELIA MULTIFLORA. (*New*) Similar to above, but more delicate and pendant in growth, and a more profuse bloomer; a well-grown plant, being a perfect shower of bright coral-red flowers—the most dainty basket plant extant; requirements same as for elegantissima.

2-inch pots, \$5.00 per 100; 3-inch pots, \$8.00 per 100.

BROWALIA GIGANTEA. (*New*) A charming new flowering plant that may be put to many useful purposes; the plant is a strong, compact, bushy grower, producing a profusion of florets about 1 to 1½ inches in diameter, of an intense indigo-blue, fully as intense as the Marie Louise or Californian violet; it bids fair to supplant the lobelia as a bedding plant, is valuable for cut flowers, as it is never out of flower, and may be grown as a flowering plant for Easter sales.

2 inch pots, \$5.00 per 100.

ASPARAGUS RETROFRACTUS ARBOREUS. A strong growing tree-like asparagus that will be very desirable in decorations where a Japanese effect is sought; strong sprays, 3 to 5 feet long, may be cut; very scarce as yet. Fine specimen plants, ready in April.

5-inch pots, \$1.50 each; 6-inch pots, extra strong, \$2.50 each.

ASPARAGUS SPRENGERI. Strong 2-inch stock, \$4.00 per 100.

ASPARAGUS PLUMOSUS NANUS. Fine 3-inch plants, \$8.00 per 100.

Eulalia Zebriua and **Eulalia Gracillima**, 50 cts. per dozen; \$5.00 per 100.

Remember you can save 5 per cent. on all purchases by sending cash wth your order.

ACALYPHA SANDERI. The most sensational new plant introduced for many years, and one of the most striking flowering ornamental plants; it is of strong, free growth, with large dark green leaves, from each axil of which, 1 to 2 feet long, rope-like spikes of velvety crimson flowers are gracefully suspended; the plant is in flower the year round and is as easily grown as a coleus, simply requiring a warm temperature to develop its full beauty. 3-inch pots, 15 cts. each; \$1.50 per dozen; \$10.00 per 100.



PRIMULA FORBESII.

PRIMULA FORBESII. A delicate chaste little plant that is attracting quite some attention among Philadelphia and New York florists on account of its fairy-like rose-colored flowers, which are used in the finest floral work; the plant is a wonderfully profuse bloomer, throwing a continuous succession of flowers on stems, 6 to 10 inches long; is hardy and easily grown in cold frames, carnation houses, or any cool place in a reasonable amount of light; propagates readily, and is very easily handled. 2-inch pots, \$5.00 per 100.

TROPÆOLUM PHœBE. A most attractive and deliciously-scented variety, producing flowers throughout the winter and summer season of a deep, golden-yellow, with a rich crimson feathered blotch in each segment, outer edges notched or scalloped, the whole forming into an exquisitely-shaped blossom; admired by all, and a decided improvement on all existing varieties in this class; a free and vigorous grower; when in the height of its perfection, strings of growth, resplendent with its glorious parti-colored flowers, can be cut for a decoration 8 to 10 feet long, a decided acquisition as a trailer in the greenhouse or conservatory in early spring, and outdoors during summer. 3-inch pots, \$1.00 per dozen; \$8.00 per 100.

NOVELTIES IN CARNATIONS.

THE popularity of new carnations still continues to increase, and the interest of the public in something new and choice has never been so great as at the present season. Exorbitant prices are being paid for some of the most distinct novelties. As high as \$5.00 to \$10.00 per dozen has been realized for blooms of some of the new and distinguished seedlings which are yet to be placed upon the market. As we stated in our past season's catalogue, the flower buying public are becoming acquainted and are learning to appreciate the improvement in the carnation, and with such an appreciation comes an increase in the price which the grower receives for varieties possessing exceptional merit.

The set of new carnations offered this year contains several of the most distinct sorts that have yet been originated. They have been largely advertised in such a way that the general public are thoroughly acquainted with their merits, and the blooms are in constant demand and are selling at the highest market prices. The writer has carefully examined all of the varieties herein offered as novelties, and it is his opinion that among them we have some of the finest sorts yet originated. Most of them produce flowers fully 3 inches in diameter, upon good stems, and are free bloomers, taking into consideration the enormous flowers and long stiff stems. We do not hesitate to recommend every florist who wishes to keep pace with the advancing improvements in the carnation, to invest in the varieties offered this year.

We have 12 large houses devoted to growing and testing new carnations, and ample propagating houses; our customers may be assured of getting stock grown under the best possible conditions.

MRS. THOMAS W. LAWSON. (Peter Fisher.) Probably the best advertised variety that will be introduced this year, and undoubtedly will be more in demand by the purchasing public than almost any other sort, on account of the splendid advertisement which attended its sale to Mr. Thomas W. Lawson, who is reported to have paid \$30,000 in cash for the entire stock of this variety; the color is a deep cerise pink, approaching very near to a brilliant carmine. It is a cross of Van Leeuwen and Daybreak, and seems to have received an extraordinary amount of vigor from its parents; the habit is strong, free growing, very vigorous, producing flowers averaging over 3 inches in diameter on stems running from 16 to 24 inches long; it is an early bloomer and very free; Mr. Fisher claims to have cut an average of 33 flowers to the plant during the winter season of 1898. Every florist should try this variety. Price \$3.00 per dozen; \$14.00 per 100; \$120.00 per 1000. Delivery will commence February 1.

GENEVIEVE LORD. (Weber.) Color a beautiful shade of pink, almost exactly the same shade as Mrs. James Dean; size very large, averaging 3 to 3½ inches in diameter, on stems from 16 inches to 2½ and 3 feet in length; the flowers are of fine form, with strong calyxes that never burst; fragrance strong, very attractive; splendid keeper; an excellent shipper; growth exceptionally strong, sturdy, clean and straight; Mr. Weber states that this is the strongest growing and freest blooming carnation that he has yet had; it certainly possesses a remarkably vigorous constitution; it seems to be a splendid commercial variety, and, unquestionably, will prove to be one of the best exhibition varieties in cultivation. Ready for delivery February 15. Price \$2.00 per dozen; \$10.00 per 100; \$75.00 per 1000. 25 at 100 rate; 250 at 1000 rate.

OLYMPIA. (May.) One of the largest variegated varieties yet introduced; the flower is splendid in form, exceptionally large in size, the lower petals standing out very flat and smooth, averaging 1½ inches in width, while the centre is well built up; color a beautiful glossy white, delicately penciled with clear scarlet; it is one of the most chaste and beautiful variegated varieties yet introduced; fragrance is strong;

stem under good culture, 2 to 2½ feet; splendid keeper, and Mr. May states that tested alongside of Mrs. Bratt for two seasons, it has produced one-fourth more flowers during the season; habit is strong and vigorous; continuous bloomer, lasting in good condition long after the hot weather sets in in the spring. Extra strong well-rooted cuttings ready February 15. \$2.00 per dozen; \$12.00 per 100; \$100.00 per 1000.

HILL SPORT. (Ward.) Two years since, noticing an exceptionally strong stemmed plant of Flora Hill which seemed to be entirely free from bacteria, to which Flora Hill is especially subject, we saved the selected cuttings from this plant and propagated a stock from it; the variety is in every respect identical with Flora Hill, excepting that it has stiffer stems and the foliage is broader and rather deeper blue in color, and it is free from disease; it produces a well-formed flower from the start on a strong, stiff stem, which averages 16 to 20 inches long; this variety thus far has been free from bursting, and the flowers have remained pure white throughout the season. We shall offer only 5000 rooted cuttings of this variety, and will sell them in lots of 100 at the rate of \$7.50 per 100 net.

MORNING GLORY. (Dorner.) A variety which will take the place of Daybreak; slightly darker yet brighter in color; habit much more desirable than Daybreak, as it grows more compact; a very free continuous bloomer, giving more flowers throughout the season than Daybreak; without any tendency to crop; stem of medium length but wiry and stiff; flowers medium to large in size; not overly full but not flat center; filled out in proportion, giving it a fine form; this is one of our 1896 seedlings; it is indispensable in our market and entirely taking the place of Daybreak, and giving much more satisfaction; although not large enough to be placed aside of our latest introductions as a fancy sort, the call for this variety by many growers that have seen it growing upon our place, coupled with its brilliant Daybreak shade of pink, always so much admired and called for in every market, and the satisfactory returns it has always given us, has induced us to list it at a lower price than that at which new varieties are usually sold. Price, \$6.00 per 100; \$50.00 per 1000; ready March 1.

NEW CARNATION—THE MARQUIS.

THE MARQUIS. (Marquisee.) This is another seedling of Daybreak which possesses a remarkably vigorous, strong constitution; the habit is fully as strong growing as the Lawson, producing a flower equally as large upon equally strong stems; the color is a bright, clear, exquisite shade of soft, rich pink; it possesses no trace whatever of purple or magenta, the ground work being of that bright salmon shade that renders a pink so very attractive; the color shows up equally well in artificial light or daylight. The flowers average 3 inches and upwards, stems strong, running from 2 to 3 feet under extra good culture. It is also delightfully fragrant, and Mr. Marquisee states it is the freest blooming carnation he has upon his place; we have plants of this variety growing in our houses, and they are showing up especially well; it has also proved an excellent variety to lift, having a mass of fibrous roots, and it receives very little check in lifting. Price \$2.00 per dozen; \$10.00 per 100; \$75.00 per 1000. Cuttings ready March and April.

ETHEL CROCKER. (Sievers.) Color pure rich pink of a shade that sells on sight; habit of plant excellent, resembling Scott; an early bloomer, flowering continuously from October to July; flower averages under good culture 3 inches and upwards in diameter; calyx strong; stem from 14 to 24 inches long; another pink variety that seems well worthy of trial, and probably will prove very profitable. Strong rooted cuttings ready February 1. \$10.00 per 100; \$75.00 per 1000.

CARNATIONS, INTRODUCTIONS OF 1899.

General Maceo.

"Very full, deeply fringed flower, $2\frac{1}{2}$ inches to $2\frac{3}{4}$ inches in diameter, on stiff, wiry stems, 12 inches to 18 inches long under ordinary culture. Under extra culture blooms 3 inches in diameter, on 18-inch stems may be grown. Ground color deep brilliant scarlet, heavily overlaid with maroon, making one of the darkest and richest shades yet seen in carnations, fully as rich and striking as the Meteor rose. Habit erect, stiff, wiry—of the McGowan type, but with stiff, stronger stems. Foliage covered with rich glaucous bloom. Cuttings produced as freely as with McGowan and root fully as easily as that variety. The most profuse and abundant bloomer we have every grown, outblooming every other variety. Flower an excellent keeper and can remain on the plant six to eight days, and we have kept it three and a half weeks in a cool bedroom." The above, copied from our last year's catalogue, has been more than proved the present season. It is now conceded by all those growing it to be the most profuse blooming carnation ever introduced. The color has proved very popular and is having a great sale at high prices. It is certainly the first good keeping dark carnation thus far introduced, and the stock of no florist is complete without it. We have a fine stock of plants and will send out strictly selected cuttings. \$6.00 per 100; \$50.00 per 1000.

(See cut on front cover)

GEN'L. GOMEZ. Brilliant cardinal maroon, $2\frac{1}{2}$ inches to $2\frac{3}{4}$ inches in diameter, fine stems 16 inches to 24 inches long. Strong, vigorous, very healthy habit; blooms fully as freely as Portia, resembles Scott in habit and seems to have fully as good a constitution as that variety; calyx is strong; flower is full and well fringed and of a pleasing form, good fragrance; the color is magnificent, fully as rich and brilliant as the Cardinal flower; in fact no crimson carnation has ever come to our notice possessing such a vivid brilliant shade of color; has proved freer and earlier in blooming than the past season; it sells at the highest prices, the color is exceptionally popular, and it promises to be as profitable as Maceo. \$5.00 per 100; \$40.00 per 1000.

AMERICA. A very vigorous growing, free-blooming variety; color cerise red; a soft neutral tint during the day, but lighting up brilliantly under artificial light; strong, stiff stems. \$5.00 per 100; \$40.00 per 1000.

GLACIER. Two-inch to 3-inch bloom on stiff stems; 10 inches to 15 inches long; purest snow white; habit dwarf; an early prolific bloomer and an excellent keeper; a good variety for side benches. \$6.00 per 100; \$50.00 per 1000.

MELBA. A free bloomer, early and continuous; pure, clear rose pink; very fragrant; large blooms on long stems; gives a fine early crop. \$5.00 per 100; \$40.00 per 1000.

CARNATIONS—INTRODUCTIONS OF 1899—Continued.



HOUSE OF G. H. CRANE.

G. H. CRANE.—We do not hesitate to recommend this as the most profitable scarlet carnation in cultivation to-day. Nothing will equal it. Tested four years it has proven to be a most satisfactory commercial scarlet carnation. A large flowering sort, producing both quality and quantity. It comes into flower early and continues an even all-season bloomer. Produces an average 3-inch bloom, having smooth outer petals with a well built-up centre, a strong, well-formed calyx, a 16 inch to 18 inch stem of remarkable firmness, holding the flower erect in the early part of the season as well as the later spring months, a delightful fragrance, and in color a clear, brilliant scarlet, with no tendency to fade. Growth strong and robust, clean, hard, broad foliage and makes a strong, well-formed plant. It lifts and transplants from the field without any noticeable signs of wilting. Model growth, stem, flower, color, and a most essential quality, being in full flower when most needed, recommends it to every grower. Another variety that is doing more with us than last season and we are more than ever impressed with its commercial value. We had two large houses of this variety in full bloom for Christmas, and every bloom was snapped up at the elegant price of \$10.00 per 100 wholesale; therefore just now we believe we have the long-looked-for money-making scarlet carnation. We have a fine, large stock of splendid healthy plants. \$6.00 per 100; \$50.00 per 1000.

CARNATIONS—GENERAL LIST.

New York. Bright cerise-pink; habit erect, strong, vigorous, free and early as well as a constant bloomer, one of the best we have ever grown; color magnificent under gaslight; flower, medium to large, $2\frac{1}{2}$ inches to 3 inches in diameter, with good strong calyx. \$3.00 per 100, \$25.00 per 1000.

Gold Nugget. Clear, deep yellow, slightly marked with red; strong grower, free, early and continual bloomer; medium-sized, high-centred flower, does not burst; stem long and stiff, and bloom a first-class keeper; the best yellow we have ever grown. \$4.00 per 100; \$30.00 per 1000.

CARNATIONS—Continued.



CARNATION MRS. JAMES DEAN.

Color clear silvery pink, delicate and chaste, yet brilliant and effective under all lights. Flower large, very full as season advances, and borne on long wiry stem, calyx perfect. Habit similar to Scott, with the same healthy glaucous foliage as Scott. About 6 inches taller than Scott. A free bloomer, but spreads its crop evenly over the blooming season. There is no healthier carnation grown, and we believe it to be the ideal light pink. The merit of this variety is conceded alike by growers, dealers and the flower-buying public. Has proved a prize-winner whenever shown this season as well as last. A fine, healthy carnation that every grower ought to succeed with. One of our favorites. To grow this variety to advantage take strong February struck cuttings; pot in 2-inch pots, shift to 3-inch as soon as needed, plant in field as early as is safe, pinch back every week only such shoots as distinctly show bud formation. Lift August 1st to 10th. Don't pinch back after lifting, save such shoots as show premature, short-stemmed buds, give lots of air and a temperature of 52 to 54 degrees at night. Syringe thoroughly once in 10 days, with fine spray and strong pressure. Treated in this way it commences flowering with us October 1st and continues constantly till August. Giving nearly as many blooms as Scott. This is one of the best selling varieties grown, and we are not yet prepared to replace it by any variety of its class yet in sight. \$3.00 per 100; \$25.00 per 1000.

Mrs. Geo. M. Bradt. The most distinct, largest flowered and most sought after fancy carnation yet out, blooms always sold ahead at the highest prices, ranging from \$1 to \$2 per dozen wholesale on the New York market; color clear white, heavily edged, and striped with bright scarlet; flowers enormous, very full, high rounded centre; habit strong, vigorous, but dwarf enough for side benches; constant bloomer from early to late; unquestionably the best of all variegated carnations; this variety does not produce cuttings freely, consequently stock will always be scarce and high. \$5.00 per 100; \$40.00 per 1000.

Frances Joost. Very free constant bloomer; much in favor around Boston, where it is grown in great perfection; color deep salmon pink, pleasing and attractive, selling at the highest prices in Boston market; very profitable where it does well. \$2.50 per 100.

Flora Hill. Very free in growth and in coming into bloom; strong calyx, moderately stiff stem, very large flower; under ordinary culture brings good flowers throughout the season; stem rather weak with first crop, but stiffens up as season advances. \$2.00 per 100; \$15.00 per 1000.

CARNATIONS—Continued.



BENCH OF CARNATION WHITE CLOUD.

WHITE CLOUD.—White, habit same as Daybreak, but taller, stronger, more vigorous and an earlier, freer bloomer. It commences blooming among the earliest, and throws a fine, long stiff stem from the beginning and continues its crop through the season. Flower large, excellent form and finish, good substance and very full. Strong, fruity fragrance. Calyx strong and holds the full bloom well in hand. We consider this the best white we have ever grown. Our record of blooms cut the past season show it to be the most productive of all white carnations. This is distinctively a winter bloomer, and in the early fall months if fed highly before the plants are well established, it will give many deformed buds. It needs to be well established and the cool weather of winter to bring it to perfection. The grandest white yet grown. \$4 per 100; \$30 per 1000.

Cerise Queen. A very free blooming dwarf variety resembling Tidal Wave; medium flower; color very brilliant carmine pink, shading at times almost to a scarlet; excellent variety for side benches. \$2.50 per 100.

Bon Ton. Bright, warm scarlet, large, deeply fringed, fragrant flower on a stem as stiff as a reed; perfect calyx; habit of the plant exceptionally strong, resembling Portia, but much heavier and more vigorous; the growth is so strong that it does not need staking; comes into bloom with a fine crop for Christmas when scarlet carnations are so much in demand, and increases in quantity and quality as the season advances. \$3.00 per 100; \$25.00 per 1000.

Daybreak. Delicate salmon pink; vigorous grower; color, when at its best, very soft, clear, and pleasing; flower will not stand in full sun, as the color bleaches, and should be shaded when sun is strong; a very popular variety, which seems to give a paying crop in nearly all localities; does well on nearly all soils; should be grown cool to give best results; \$2.00 per 100; \$15.00 per 1000.

Wm. Scott. Bright pink; one of the most productive large flowered pink carnations; flower medium to large size, 2 to 3 inches, on long stems, of good substance and stiffness; more generally grown than any other carnation. \$1.50 per 100; \$12.00 per 1000.

GENERAL LIST OF GERANIUMS.



GERANIUM JOHN DOYLE.

BRUANT SECTION.

JOHN DOYLE. A strong, vigorous grower, truss of the largest size and borne well above the foliage on very strong foot stalks; color is of the richest scarlet, exceptionally bright and effective, one of the most profuse blooming bedders that we have ever had; the habit is ideal; the foliage very broad and strong and stands the sun better than almost any other geranium we grow; we apprehend that this will prove to be the best scarlet yet introduced of the Bruant type, and that it will supersede all other scarlet varieties for bedding purposes. 10 cts. each; \$1.00 per dozen; \$6.00 per 100.

Mme. Jaulin. Semi-double Bruant; color delicate peach-pink; centre similar to Daybreak carnation, with wide border of white; unrivaled for freshness and beauty; florets are very large, produced in enormous trusses; semi-dwarf, compact, exceptionally vigorous habit, with broad, deep-zoned foliage; a splendid bloomer; one of the most valuable and striking geraniums of recent introduction; will prove a good bedder where a delicate shade is desired, and is one of the best fancy Bruants for spring sales. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

Alphonse Ricard. Semi-double Bruant; color bright vermillion-scarlet; dwarf, very vigorous habit; large trusses, measuring from 4 to $7\frac{1}{2}$ inches in diameter; floret large, sometimes exceeding 2 inches in diameter; the trusses are on strong footstalks, and so freely produced as to nearly conceal the foliage; it is a constant bloomer, almost every joint producing a flower stem; we have a large, healthy and true stock of this variety. \$4.50 per 100; \$40.00 per 1000.

Griffith. Another improvement on Beaute Poitevine; color deep coppery salmon, same shade as H. Dauthenay; fine large florets in good trusses; foliage all that could be desired; habit compact, and a fine grower and profuse bloomer; one of the best of this class for bedding purposes. 50 cts. per dozen; \$4.00 per 100; \$35.00 per 1000.

Beaute Poitevine. Semi-double Bruant; this variety is conceded to be the best semi-double salmon-pink geranium in existence for bedding purposes; a most profuse bloomer, and unexcelled for selling in the spring or for bedding. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

GERANIUMS—Continued.

BRUANT SECTION—Continued.

H. Dauthenay. Single Bruant; deep apricot-salmon; dwarf, compact, vigorous, clean grower, heavily zoned foliage; truss large, full, exceptionally profuse bloomer; a novel and striking geranium, unsurpassed for all purposes; no collection complete without it. 50 cts. dozen; \$4.00 per 100; \$35.00 per 1000.

Mme. De La Roux. Single Bruant; a clear, bright salmon; large trusses borne well above foliage; one of the finest bloomers that we have ever grown; habit dwarf, compact, vigorous; foliage heavily zoned. 75 cts. per dozen; \$5.00 per 100.

J. J. Harrison. Semi-double Bruant; brilliant capucine-scarlet; immense individual floret, $2\frac{1}{2}$ inches in diameter; large truss; vigorous, dwarf grower. \$4.00 per 100.

DOUBLE PINK BEDDERS.

Miss Frances Perkins. A charming shade of bright pink, fine large bloom and truss, held well up on erect footstalks; vigorous habit, profuse bloomer; clean, healthy foliage; stands our climate well, and is a mass of color the season through; unsurpassed as a pink bedder. 50 cts. per dozen; \$4.00 per 100.

Modesty. One of the prettiest and most delicate double pinks for pot culture; color a pure, clean shade of flesh pink, identical with the single Madonna; this variety has not been generally grown and its merits seem to have lain dormant; may be properly called a double Madonna. 75 cts. per dozen; \$6.00 per 100.

Comtesse de Castris. Clear, pure deep pink, without a trace of lilac, very bright and distinct; fine truss, splendid habit; as strong and vigorous as Alphonse Ricard; foliage distinctly zoned; a splendid variety. 50 cts. per dozen; \$3.50 per 100.

Mme. Barney. A splendid pure deep pink of the style of Bonnatt, but a little lighter and a more lively shade; truss, habit and profuseness of bloom all that can be desired; stands wet weather best of all in this class; a splendid thing. 50 cts. per dozen; \$3.50 per 100.

Surprise. Double deep crimson-pink, with pure white centres; similar in flower truss and habit to the above, save the color, which is deeper and more effective; fully as striking and valuable as the above. 50 cts. per dozen; \$4.00 per 100.

Mme. Guevellet. Excellent for bedding purposes or for early flowering in pots for market sales; color deep salmon-pink; an exceptionally profuse bloomer, being literally covered with flowers the whole season; habit semi-dwarf and compact. 50 cts. per dozen; \$4.00 per 100.

DOUBLE CRIMSON OR MAROON BEDDERS.

Marvel. Double scarlet-maroon, semi-dwarf compact grower, clean, vigorous healthy foliage; truss large and full, held well above the foliage, constant bloomer; we think this superior to S. A. Nutt as a bedding sort. 50 cts. per dozen; \$3.50 per 100; \$30.00 per \$1000.

S. A. Nutt. Double, brilliant deep scarlet, with maroon shadings; compact, rather tall, vigorous grower, heavy deep green foliage which does not burn; large truss, held well up; one of the finest bloomers that we have; probably sold more than any other of the dark sorts 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

Leonard Kelway. Brilliant deep scarlet, with maroon shading, fully equal in color to S. A. Nutt, being a much dwarfer and more compact vigorous grower, with clean, deep green foliage, heavily zoned; a compact truss borne on strong foot stalks; truss is round, well filled and pleasing shape; exceptionally free bloomer, and the best dark double dwarf bedder. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

DOUBLE SCARLET BEDDER.

Raspail Improved. Intense pure scarlet, enormous semi-double floret, $2\frac{1}{2}$ inches in diameter, very round and regular; fine dwarf, compact habit: a magnificent winter bloomer; in fact, is a perpetual and profuse bloomer at all seasons; the grandest scarlet for pot culture; nothing to equal it; there is now a decided tendency to use geranium blooms for table decoration and this is one of the finest for this purpose. 75 cts. per dozen; \$5.00 per 100.

DOUBLE CARMINE-PURPLE BEDDER.

Marquese de Montmort. Deep brilliant carmine-purple; one of the most novel and striking shades yet seen; a splendid habit, vigorous and clean; excellent grower and profuse bloomer; fine large floret, massive truss held well up and erect; foliage deeply zoned; exceptionally novel; this variety was extensively used the past season as a bedder and gave general satisfaction, as it furnished a brilliant change from the stereotyped beds of Grant and Poitevine. 50 cts. per dozen; \$4.00 per 100; \$35.00 per 1000.

DOUBLE WHITE BEDDERS.

Mme. Rozain. Purest snow-white, large flower, fine, round truss, excellent habit, decidedly free bloomer; the best of the new double whites; splendid grower; very fine truss; makes a fine pot plant, desirable for any purpose. 50 cts. per dozen; \$3.50 per 100.

Mme. Buchner. Double snow-white, strong, vigorous grower, with broad fluted foliage, slightly zoned; extra large truss, produced abundantly, held well above the foliage; large individual florets; a grand white bedder; this variety made the best showing of all in our fields the past season. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

Comtesse de Harcourt. Double Bruant, pure snow-white, strong vigorous habit, individual florets beautifully formed and abundantly produced in large trusses; a grand bedder, stands the drought well, forming a perfect bank of white; we consider this one of the best double whites. 50 cts. per dozen; \$3.50 per 100; \$30.00 per 1000.

La France. Double white, slightly tinted with flesh, under glass; good grower, free bloomer. 50 cts. per dozen; \$3.50 per 100.

GERANIUMS—Continued.

Mont Blanc. Fine, large flowers, strong habit. 50 cts. per dozen; \$3.50 per 100.

Eulalie. Pure snow-white, double, very dwarf, very profuse bloomer, decided improvement over La Favorite. 50 cts. per dozen; \$3.50 per 100.

SINGLE WHITES.

L'Aube. Enormous sized trusses, large round florets, pure snow-white, retaining its pureness the entire season; in freedom of bloom, splendid habit and growth of plant, this variety resembles the excellent double white variety La Favorite; we believe this to be the very best single white up to date. 50 cts. per dozen; \$4.00 per 100.

Mrs. J. M. Gaar. Most profuse bloomer of all single whites. 50 cts. per dozen; \$4.00 per 100.

SINGLE PINK BEDDERS.

Gertrude Pearson. One of the older sorts that is always scarce; a fine dwarf habit, with foliage attractively zoned; color pure rose-pink, with a conspicuous white blotch on the two upper petals; the flower is of beautiful form and largest size; a profuse bloomer; trusses held erect, well above foliage; one of the most attractive and pleasing geraniums grown. 75 cts. per dozen; \$5.00 per 100.

Benj. Schroeder. One of the best fancy single pink geraniums; a beautiful clear rose-pink, with distinct white eye; dwarf compact habit, light green foliage; one of the most profuse bloomers, the bed being literally covered with fine trusses, which are held well above the foliage on strong footstalks; a grand acquisition. 50 cts. per dozen; \$4.00 per 100.

Granville. Clear rosy pink, very near the shade of the above variety, but a taller, more vigorous grower; stands hot sun better than any other single pink, and is invaluable as a bedder; best of its class. 50 cts. per dozen; \$3.50 per 100.

IVY-LEAVED GERANIUMS.

These bloom freely for months in succession, and are invaluable for draping walls and pillars in the conservatory, or they may be cultivated in baskets or trained to balloons; but which ever position they occupy they should have the benefit of all the sunlight possible, as they do not flourish in the shade.

L'Elegant. We have a splendid stock of this well-known variety of the variegated ivy-leaved geranium; the foliage is a light silvery green definitely edged with white, and in the spring when the sun is bright frequently suffused and veined with purple; the flowers are white; this is one of the best basket plants in existence and should be in every florists' collection. 50 cts. per dozen; \$4.00 per 100.

Mrs. H. T. Wooderson. Seedling of Souv. de Chas. Turner and identical in every way save color, which is a much deeper and more showy shade; an improvement on Souv. de Chas. Turner and sure to become a favorite. 50 cts. per dozen; \$4.00 per 100.

Miss Clara Walker. A lovely shade of salmon-cerise; a fine habit and exceedingly profuse bloomer. 50 cts. per dozen; \$4.00 per 100.

Pink Domino. A charming addition to the pink class; broad, circular florets in bold, erect trusses; a lively shade of pure pink; splendid dwarf, bushy habit. 1.25 per dozen; \$10.00 per 100.

SINGLE SCARLET BEDDERS.

Universe. Brilliant fiery scarlet; immense trusses; dwarf and vigorous habit, exceptionally free in bloom; foliage distinct deep green with bronze green zone; this variety is an exceptionally free bloomer, is slightly dwarfer in habit than John P. Cleary, and in point of color and freedom of bloom is practically equal to that variety. 75 cts. per dozen; \$6.00 per 100.

Rev. Atkinson. Brilliant deep scarlet, maroon shading; vigorous grower, broad, deep green foliage; immense truss literally packed with large individual florets; footstalks strong, holding truss well up; one of the very best single bedders extant. 50 cts. per dozen; \$4.00 per 100.

VARIEGATED LEAVED.

Freak of Nature. An improvement on Happy Thought, very dwarf habit; entire centre of leaf white, with narrow border of green. \$4.00 per 100.

SINGLE AUREOLES.

Dryden. Bright, rosy red, with large white blotches on the two upper petals and smaller ones on the three lower ones, all five being richly suffused with lake at the junction of the two colors; the plant is good in habit and very free flowering. \$1.50 per dozen; \$10.00 per 100.

Mme. Blanche Jamet. Fine large trusses very freely produced; color of flower brilliant carmine; petals suffused with white, veined with carmine; habit exceptionally good; one of the most distinct of the aureole section. \$1.50 per dozen; \$10.00 per 100.

Mme. Mugeot. Deep red, plant very dwarf and bushy, more so than any other Ivy Pelargonium. 75 cts. per dozen; \$5.00 per 100.

Beauty of Jersey. Rich, reddish purple; one of the largest and finest flowers in this class. 50 cts. per dozen; \$4.00 per 100.

Chatrian. Enormous flower, broad petals, bright carmine, shaded scarlet. 75c. per dozen; \$5 per 100.

Centenaire. Brilliant red-solferino; immense perfectly formed floret; one of the finest of ivy leaves. 50 cts. per dozen; \$4.00 per 100.

Incomparable. Truss very large, immense florets, regular in form and quite full; color is an exquisite shade of rosy carmine. 50 cts. per dozen; \$3.50 per 100.

Jean d'Arc. A grand variety; the nearest approach to pure white among the ivy geraniums. The best of its class. 50 cts. per dozen; \$3.50 per 100.

IVY-LEAVED GERANIUMS—Continued.

Ryecroft Surprise. This is a cross between Mme. Thibaut and Souvenir de Chas. Turner, and has all the good qualities of both parents; color clear bright rose, with slight maroon blotch on upper petals, habit perfect, immense truss, large and well formed pips. 50 cts. per dozen; \$3.50 per 100.

Beauty of Castle Hill. Immense truss, large floret, color beautiful rose, upper petals blotched; profuse bloomer, splendid grower. 50 cts. per dozen; \$4.00 per 100.

Chas. Monselet. Large, round, very full flowers, fiery red; upper petals beautifully marked; magnificent large truss. 50 cts. per dozen; \$4 per 100.

Souv. de Chas. Turner. One of the handsomest ivy geraniums ever introduced; florets $2\frac{1}{2}$ inches across; immense truss, 6 inches across; color deep bright pink, approaching scarlet; upper petals feathered with maroon; flower quite double. 50 cts. per dozen; \$3.50 per 100.

Comtesse Horace de Choiseul. A fit companion to Joan of Arc; the plant is vigorous, leaves without zones, flowers very large, 2 inches across, double and imbricated, in good trusses; color a bright golden-salmon; we have no hesitancy in saying that this is the richest colored flower of any grown. 50 cts. per dozen; \$3.50 per 100.

Eden Marchii. Flowers are very large, rosy salmon, shaded with violet; large truss freely produced; probably the most profuse bloomer of the ivies; invaluable. 50 cts. per dozen; \$3.50 per 100.

Gen. Championnet. Grand scarlet color; florets of a beautiful form, quite circular, largest size; most regularly beautiful of all the ivies. 50 cts. per dozen; \$4.00 per 100.

Pierre Crozy. Bright scarlet; claimed to be a cross of an ivy and zonale geranium; dwarf, compact habit, exceptionally free bloomer; a good bedding plant where a low growing plant is desired. 50 cts. per dozen; \$4.00 per 100.

FANCY PELARGONIUMS.

The improvement in the fancy Pelargonium is bringing it again into prominence. Well grown specimens of the finer varieties are magnificent, striking and very effective plants, and add much to the brilliancy of the conservatory at Eastertide.

All Pelargoniums are from 3-inch pots; strong plants.

Pelargonium Fimbriata Alba. Very dwarf, bushy free blooming variety that makes a splendid pot plant for Memorial Day sales; the blooms are freely produced in good-sized trusses and are pure snow white; one of the best Pelargoniums for retail purposes; stock limited; fine strong plants from 3-inch pots. 15 cts. each; \$1.50 per dozen.

Mrs. Layal. Commonly sold as the Pansy Geranium; it is of dwarf, very shapely, compact growth; very healthy and vigorous; it is completely covered with its pretty pansy-like flowers from March till June; the most profuse bloomer, remaining longer in bloom than any other member of the Pelargonium family; fine, strong 3-inch plants. \$1.25 per dozen; \$9.00 per 100.

Sandiford's Surprise. A charming flower of splendid habit; large black blotches on upper petals which have a fiery red edge, surrounded with broad white band, with bright red spots in centre of each lower petal; continues a long time in bloom, and is one of the most distinct varieties in cultivation. \$1.25 per dozen; \$9.00 per 100.

Sandiford's Best. A new and distinct flower of a beautiful shade of pink, surrounded with wide band of purest white and with a large white throat; the plant is a marvelously free bloomer, trusses are very large, round and very attractive; a most charming variety. \$1.25 per dozen; \$9.00 per 100.

Victor. This variety is grown by the thousands and finds a ready sale; it is a bright cherry-pink, white at base of petals, with deep crimson-maroon blotch on centre of petals. 2-inch pots. \$1.25 per dozen; \$8.00 per 100.

Mme. Thibaut. Double; one of the best known florist's varieties. \$1.25 per dozen; \$9.00 per 100.

Dorothy. Another well-known and valuable sort; splendid bloomer. \$1.25 per dozen; \$8.00 per 100.



PELARGONIUM WONDER.

Sandiford's Wonder. A splendid semi-double white flower, very pure color, some blooms showing a small maroon spot in upper petals; petals are heavily fringed; a decided advance, and the many admirers of the Florist's Pelargonium will welcome this grand variety as invaluable for all classes of floral work; the plants are a snowbank of flowers during the entire blooming season. \$1.25 per dozen; \$9.00 per 100.

FANCY PELARGONIUMS—Continued.

H. M. Stanley. Bright rosy crimson, upper petals shaded scarlet and heavily blotched. The flowers are produced in marvelous profusion. \$1.00 per dozen; \$8.00 per 100.

Mrs. Robert Sandiford. Grand double white variety; one of the finest; the flower is of large size, well doubled, beautifully ruffled along the edges of the petals, and of glistening, snow white, very pure and well defined; gives the flower a striking appearance; plant very dwarf and free. \$1.25 per dozen; \$9.00 per 100.

Marie Malet. White, with maroon-crimson blotches on all five petals, remarkably dwarf and free blooming. \$1.00 per dozen; \$8.00 per 100.

The Bride. } Two small flowered varieties on the style of Mrs. Layal; very profuse bloomers. \$1.25 per dozen.

Fred. Dorner. } **Capt. Raikes.** A grand ruffled or fringed variety with very large flowers borne in large fine-shaped trusses; color bright red with lighter centre, with heavy maroon blotches in upper petals. \$1.25 per dozen.

NOVELTIES IN CHRYSANTHEMUMS

The chrysanthemum still holds the throne as the Queen of autumn flowers. The enormous quantities sold each year show no evidence of declining popularity. In the large wholesale growing centres where production has been stretched to its utmost, prices have been low for common varieties, but extra good flowers, particularly of the incurved Japanese type, have sold well. The list we offer this season contains the best of everything, both old and new, and the commercial grower will have no trouble in selecting a fine lot of varieties to cover the entire chrysanthemum season.

The experience of the past season has amply demonstrated that to hold his chrysanthemum trade the grower must have a strictly up to date list of varieties. **Nothing else will do.** Prices are for strong $2\frac{1}{2}$ -inch stock well established.

IMPORTED VARIETIES.

Ready in March.

Albert Rose (Japanese). One of the earliest pink sorts, coming into bloom in September about one week ahead of Marquise de Montmart; color distinct shade of bright rose pink; habit strong, vigorous, healthy and a free grower and easy doer; height $2\frac{1}{2}$ to 3 feet; proved to be one week earlier than any other chrysanthemum in our collection this season. 25 cts. each; \$2.50 per dozen.

Ernest Cannell. Immense finely formed blooms of a clear bronzy color, broad, stout, incurved petals of great substance, forming a very well built flower; distinct acquisition and a grand exhibition sort, take second crown buds and give good culture. 25 cts. each; \$2.50 per dozen.

Ponderosum (Japanese Incurved). One of the most massive incurved varieties ever raised; color lovely pearl white faintly tinged with pink at base of florets; the florets are of medium width and incurve regularly, forming a fine shaped bloom 10 to 12 inches in diameter and of great depth, splendid exhibition sort, take terminal bud and give plenty of head room, as it grows 6 feet high under good culture. 25 cts. each; \$2.00 per dozen.

Ryecroft Glory. The finest October flowering chrysanthemum we have yet seen; the flowers, which are of the richest golden yellow, are produced in the greatest profusion on a plant so dwarf and sturdy as scarcely to require staking; the blooms last a wonderful time in perfection, some of our plants keeping fresh and bright for more than six weeks; good pot plant. 25 cts. each; \$2.50 per dozen.

Mme. Edmond Roger. An incurved flower of good size and most extraordinary color, being a clear green, being the first real green chrysanthemum (except a wretched abortion which ought never to have been cultivated); this will probably be in great demand. 35 cts. each; \$3.00 per dozen.

Mr. C. H. Curtis. A grand solid bloom nearly 5 inches by 3; florets a little pointed but otherwise absolutely perfect in form; color rich golden yellow; invaluable to the exhibitor, being finer even than the Queen family; first-class certificate N. C. S. 25 cts. each; \$2.50 per dozen.

Mrs. R. C. Kingston. A very pretty shade of pink in color, the bloom being beautifully built and of full back-row size; no exhibitor can afford to miss this kind; stop first week in March and take second crown bud; award of merit R. H. S. and F. C. C., N. C. S. \$1.50 per dozen; \$10.00 per 100.

Coral Queen. A charming variety for cutting or decoration, flowering in the open in a mild season; the color may be described as a salmon red shaded fawn, and the florets are prettily twisted and pointed. 25 cts. each; \$2.50 per dozen.

King of Yellows (Japanese Incurved). Rich golden yellow, fully equal to Modesto; a true incurved of the finest form, as regular as Bonnaffon; very large, deep blooms of good substance, stop early and use second crown buds; this is by far the best yellow ever brought to this country from abroad; a splendid variety for exhibition and equally good for market. 25 cts. each; \$2.50 per dozen.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

NOVELTIES IN CHRYSANTHEMUMS—Continued.

IMPORTED VARIETIES—Continued.

Royal Standard (Japanese Reflexed). A handsome flower of the deepest crimson color; long spreading florets of splendid substance and good form, one of the finest crimson varieties ever raised, the blooms measuring 10 to 12 inches in diameter; crown bud, do not over feed. 25 cts. each; \$2.50 per dozen.

Rose Queen (Japanese). One of the most elegant pink chrysanthemums; bloom a perfect model in form; florets of medium width falling very regularly from the centre and forming a very, even full flower; requires good culture, stop early and take crown bud. 25 cts. each; \$2.50 per dozen.

Queen of Pinks (Japanese). A pure, clear pink in color, which shows up nicely under artificial light; well formed bloom of good substance; an elegant and charming variety, give good culture, stop early, taking second crown bud. 25 cts. each; \$2.50 per dozen.

Phœbus. One of the grandest yellows in cultivation; though of the largest size the flower is most refined and graceful in form and should be grown by everyone; stop March 20th and take second crown bud; award of merit R. H. S. and F. C. C., N. C. S. 20 cts. each; \$2.50 per dozen.

Mme. G. Bruant. Creamy white, shaded and tipped clear rosy pink, very long, drooping florets, forming large, deep bloom; flowers of this variety exhibited before the R. H. S. and N. C. S. received an award of merit and certificate respectively; rather early, coming naturally in October. 25 cts. each; \$2.50 per dozen.

Mary Molyneux. Clear rose, with silvery pink reverse, an immense flower in the style of Australie, but more refined in form and much prettier color, quite the finest exhibition flower we have seen in its color; first-class certificate (unanimous) N. C. S. and award of merit R. H. S. 25 cts. each; \$2.50 per dozen.

John Seward. Grand yellow, clear canary yellow in color; the bloom is immense, nearly 9 inches in diameter and deep in proportion, but quite free from coarseness. 25 cts. each; \$2.50 per dozen.

Edith Tabor. Clear bright lemon yellow, with a faint tinge of green, a fine flower 8 inches in diameter and of beautiful form, the outer florets drooping gracefully, the inner ones curving and intermingling; award of merit R. H. S. and F. C. C., N. C. S. 20 cts. each; \$2.00 per dozen.

POMPONS.

Price, 15 cts. each; \$1.50 per dozen.

Lily Stevens. White Pompon, about 2 feet high; good habit and very free; charming little flower. September.

Miss Phyllis Broughton. Large, pure white Pompon; plant about 2 feet high, stout and bushy; does not require staking; fine pot plant.

Mignon. A beautiful rich golden yellow Pompon; very dwarf and free.

F. Maronet. Flowers Pompon form, bright chestnut red on opening and turning bronze with age; very free.

AMERICAN VARIETIES.

VERY EARLY YELLOW.

Walter Molatsch. (Molatch & Dailedouze.) 3 feet, October 8. Best described as an early W. H. Lincoln, coming in flower October 8; is of good size, full centre, excellent keeper, and will stand an unusual amount of hard usage; petals do not scald easily, having a firm hold and being so tough that they are not easily bruised; habit is dwarf, stem thick and stiff and foliage all that can be desired. Ready March 1. 50 cts. each; \$4.00 per dozen; \$25.00 per 100.

JOHN N. MAY'S NOVELTIES.

Luciole. Incurved broad petals, each petal being a combination of pink, cerise and lavender, very hard to describe, but exceedingly attractive; a beautiful thing for exhibition, with good stem and foliage; in season November 1 to 15; 4 feet; first prize Philadelphia show for six blooms any other color. 50 cts. each; \$4.50 per dozen; \$25.00 per 100.

Winona. White base with veins of deep clear pink running through the outer ends of the petals, making it a very striking combination and attractive. A full, bold flower and an excellent keeper, and can be shipped any distance without damage; a good all-round commercial variety, with extra good stem and foliage; height 4 feet; season October 20 to November 15; certificate C.S.A. 50 cts. each; \$4.50 per dozen; \$30.00 per 100.

Bonita. A beautiful deep golden orange, shaded with light bronze; a fine, bold, handsome, round flower with excellent stem and foliage; a grand shipper and all-round commercial flower; 4 feet; in season November 1 to 25; certificate C. S. A. 50 cts. each; \$4.50 per dozen; \$30.00 per 100.

Eulalie. (Anemone.) A very high built and bold, handsome flower, with broad petals, clear white, the crown having a pleasing shade of yellow in centre till fully developed, when it becomes pure white all through; it has excellent stem and foliage, and is a good shipper; will become a general favorite for its distinctive qualities; height 4 feet; in season November 10 to 30; two certificates C. S. A. 60 cts. each; \$5.00 per doz.; \$35.00 per 100.

Souci. (Carstairs.) Incurved Japanese; bright clear yellow, in form and color similar to Modesto, but superior in every way; grown in 6-inch pots the past season, the blooms measured 7 inches in diameter by 6 inches deep, with extra good stem and foliage; a grand keeper and a good all-round variety for all purposes; in season 1st to 15th of November; 4 feet; either bud; C. S. A. certificate, New York, scoring 90 points; ready for distribution March 1, 1900. 50 cts. each; \$4.50 per dozen; \$30.00 per 100.

The following Pompons in two groups are in every particular distinct from anything on the market. The first six were in perfection on October 1, and the second lot of six on October 15. Certificate Philadelphia, Chicago and Madison.

Angélique. Pure white high built flower; very compact and neat.

NOVELTIES IN CHRYSANTHEMUMS—Continued.

JOHN N. MAY'S NOVELTIES—Continued.

- Canova.** Deep orange bronze; a very showy flower.
- Zenobia.** Extra bright clear yellow, of brilliant shade; a bold, handsome flower. 25 cts. each; \$2.50 per doz.
- Norma.** Very large, bold Anemone, ray petals deep bronzy and clear yellow centre. 25 cts. each; \$2.50 per dozen.
- Ethel.** Blush white, medium size to large, a great keeper.
- Almeida.** Pink, changing to white with age; a bold, well-built flower.
- Second lot represents six distinct varieties, which were in perfection on October 15.
- Attila.** Deep orange maroon; very compact form, medium size.
- Elberta.** Deep but clear yellow; very distinct and a bold, symmetrical flower.
- Viola.** Deep violet shade; a very showy and distinct flower.
- Magnificus.** Very beautiful pure white, large size and extra good form, producing fine branching sprays; A1 in every way. 25 cts. each; \$2.50 per dozen.
- Agatha.** White, with blush pink centre; an exceedingly attractive flower.
- Atlas.** Bronze shaded lemon; very large and extra deep flower; distinct.
- Price 20 cts. each; \$2.00 per dozen, except where otherwise quoted, or the set of twelve, one of each, for \$2.25.

NATHAN SMITH & SON'S
NOVELTIES.

Monrovia (Mme. F. Bergmann \times J. E. Lager). Those intending to be first on the market with chrysanthemums will welcome this early, bright yellow; it has the excellent stem and foliage of its parents, and in form is intermediate; the flowers are deeper than those of Marion Henderson and come at the same date; height 3 feet; take first or second bud; certificated by the C. S. A.

Orizaba (Mrs. E. G. Hill \times Mrs. W. C. Egan). A beautiful midseason Japanese incurved of a pleasing shade of light pink; it possesses that dwarf, sturdy habit so much desired by commercial growers; stem and foliage perfect; a very promising commercial pink; height 3 feet; any bud September 10th or after; certificated by the C. S. A.

Nesota (Sunstone \times W. H. Lincoln). A Japanese of the largest size—eight inches in diameter; long and broad strap petals loosely arranged, giving an artistic appearance; height $3\frac{1}{2}$ feet; very sturdy, short-jointed growth with heavy foliage; best from buds taken September 20th and after; fully developed by November 5th to 10th; certificated by the C. S. A.

Intensity (Oakland \times Geo. W. Childs). Form, reflexed, showing only the bright crimson upper

surface of petals; stem slender, but sufficiently wiry to carry the flower erect; $4\frac{1}{2}$ feet high; buds taken October 1st give best results; those desiring succession of flowers can readily conceive the value of a bright crimson in perfection November 20th to 30th, a date when other good reds are scarce; certificated by the C. S. A.

Pluma (Francis B. Hayes \times White Swan). We have the pleasure of offering another hairy variety, which is undoubtedly the most perfect of this type yet introduced; color very delicate pink; three out of the four committees judging Pluma scored it perfect in fullness; closely incurved, with the hair-like filaments very pronounced; height $4\frac{1}{2}$ feet; take bud about September 25th; certificated by the C. S. A.

White Bonnaffon (Mrs. H. Robinson \times Mrs. H. McK. Twombly). A commercial variety of great promise, which we predict will become as popular as the typical Maj. Bonnaffon; color pure white, form identical with Bonnaffon, growth very short-jointed, not exceeding 3 feet in height; foliage large and very dark green; its lateness (November 20th to 30th) greatly enhances its value; take terminal bud about October 10; certificated by four committees of the C. S. A.

Lavender Queen (Mrs. Jas. Eadie \times Thanksgiving). A large Japanese, outer petals reflexed and centre erect, making a flower of great depth; in general habit resembles Thanksgiving; height 3 feet; a new color, decidedly distinct from any in commerce, being a soft shade of lavender pink; under artificial light is identical with the light-colored cattleyas so much admired by all; the finest pink for Thanksgiving trade; take bud about September 25th; certificated by the C. S. A.

Gold-mine (exhibited as Stellata) (H. L. Sunderbruch \times Modesto). Unsurpassed in size, having been grown 11 inches in diameter; foliage and general habit resembles Sunderbruch; planted June 20th it attained 3 feet in height; rich golden yellow; outer petals reflexed and centre incurving in a whirl; in perfection November 20th to 30th; best flowers were from buds taken October 10th; we predict it will depose Modesto and Golden Wedding, being more dwarf, surpassing both in size, a rival in color, and having better stem than the former; certificated by the C. S. A. at Chicago in 1898 scoring 93 points and averaging 93 points before four committees in 1899.

Superba (Mme. F. Perrin \times Maud Dean). The latest Japanese incurved pink that has come to our notice, being in perfection December 10th to 20th; a very double flower $5\frac{1}{2}$ inches to 6 inches in diameter with high rounded centre; color bright pink, intermediate between that of its parents; this we believe to be one of the best commercial varieties we have produced; buds that were taken November 1st will not be developed for Christmas; height $4\frac{1}{2}$ feet; take a terminal bud only; certificated by the C. S. A. in 1898 and 1899.

Price 50 cts. each; \$5.00 per dozen; \$35.00 per 100.

Ready March 1st, 1900.

Remember you can save 5 per cent. on all your purchasers by sending cash with your order.

CHRYSANTHEMUMS. GENERAL LIST.

SPECIAL OFFER.

We will send a list of 20 varieties containing 1 plant of each variety by mail, postpaid, for \$2.00. Cash must invariably accompany this order.

EARLY WHITE.

Pride. The earliest large white, as early as Marion Henderson; big double flower on a stout stem, with foliage up to the bloom; very easy doer, robust and healthy; heaviest blooms from crowns. 75 cts. per dozen; \$5.00 per 100.

Polly Rose. The earliest pure white chrysanthemum on the market; has the strong sturdy habit of its parent, Glory of the Pacific, but is pure white instead of pink. 75 cts. per dozen; \$5.00 per 100.

Midge. Very dwarf, 18 to 24 inches in height, flowers very double, pure white, stem very short; it resembles Mme. F. Bergmann, but being as early and a larger flower, is an improvement upon that popular variety; the earliest good white. 50 cts. per dozen; \$3.00 per 100.

Willowbrook. An extra early commercial Japanese, good stem, fine foliage, strong grower, petals loose and twisted, a fine improvement on Merry Monarch; bloom measuring 6 to 8 inches across, ready to cut October 10 to 15; will become a standard early white. 75 cts. per dozen; \$5.00 per 100.

Independence. An everblooming chrysanthemum; by keeping up a succession of cuttings, it may be flowered every month of the year; a double flower, 4 inches in diameter, style of Bergmann; opens creamy, changing to pure white, good stem and foliage; 2 feet; either bud; perfectly hardy, flowering in July and August in the open ground. 75 cts. per dozen; \$4.00 per 100.

Ivory. One of the best known dwarf early whites, grown in immense quantities. 50 cts. per dozen; \$3.00 per 100.

Mrs. Fred. L. Button. A magnificent pure white chrysanthemum of the largest size; extra strong stem and splendid foliage; flowers early in September and claimed by the originator to be the earliest and best white chrysanthemum to date. 75 cts. per dozen; \$5.00 per 100.

Kuno. In form and habit intermediate between the two parents; strap petal, more loosely arranged than those of Bergmann; good stem and foliage; white, 5 inches in diameter; fully developed October 11; 3 feet, second crown or terminal. 75 cts. per dozen; \$5.00 per 100.

Meta. White, with delicate shade of lemon at base of petals; an exceedingly nice formed flower; average $5\frac{1}{2}$ inches by 4 inches deep; incurved and good size; blooms always stand erect on good stiff stems, with handsome foliage close up to the flower; one of the best keeping varieties known, and an excellent shipping variety; in season from October 20th; height averaging 3 feet, either bud. 75 cts. per dozen; \$5.00 per 100.

Mrs. H. Weeks. Jupanese incurved, 4 feet; early midseason; crown buds, immense globular bloom, broad incurving petals, lower ones reflexing, snow-white in color; a grand flower, fine stem and foliage; easily grown, as grand in shape, form, and size as Mrs. Robinson. 50 cts. per dozen; \$3.00 per 100.

Mrs. Henry Robinson. A grand white variety. October 14th to November 1st; height 3 feet, either bud; a perfect ball of snow, 16 to 18 inches in circumference; magnificent foliage, and of the easiest management; one of the grandest whites. 50 cts. per dozen; \$3.00 per 100.

Geo. S. Kalb. Reflexed; $2\frac{1}{2}$ to 3 feet; extra early; terminal buds, 5 to 6 inches, full centred bloom, pure white; strong stems foliated well up to bloom; one of the very best early whites. 50 cts. per dozen; \$4.00 per 100.

EARLY PINK.

Lady Harriott. Deep pink incurved Japanese, with broad petals, blooms measuring 7 to 8 inches across, in season October 15 to November 10; habit dwarf, with perfect stem and foliage; earliest fine large pink in cultivation; height $2\frac{1}{2}$ feet; crown bud only. 75 cts. per doz.; \$5.00 per 100.

Miss Helen Wright. An ideal flower in every way; pure ivory-white when in perfection, gradually assuming the faintest tint of pink with age; the stem and foliage are all that can be desired; an A1 variety for all purposes; in perfection from October 20th to November 7th; crown or terminal buds; 3 feet high. 50 cts. per dozen; \$3.00 per 100.

Marquise de Montmartre. One of the earliest pinks. 50 cts. per dozen; \$3.00 per 100.

Glory of the Pacific. October 8; $2\frac{1}{2}$ feet; second bud; an extra early pink, following Mme. Bergmann by two or three days; magnificent size and depth, with broad petals, which finely reflex, showing the clear pink color to excellent advantage; this is the best very early pink chrysanthemum to date. 50 cts. per doz.; \$3.00 per 100.

Rose Owen. Japanese incurved, grand extra early pink; September 25 to October 10; clear, bright, self-pink; perfect form and finish; clean, stiff stem, with neat, bright foliage; somewhat undersized, but sells well on account of its fine form and bright effect. 50 cts. per doz.; \$3.00 per 100.

Pink Ivory. A pink sport of the well-known White Ivory; identical with it except in color; must be grown cool or will come white. 50 cts. per dozen; \$3.00 per 100.

EARLY YELLOW.

October Sunshine or Soleil d'Octobre. Clear soft yellow of exceedingly graceful form; good size and substance, and will be in great demand as a second early variety, being distinct in form and general character from any known variety; good on either bud; season from October 15 to 25. \$50 cts. per dozen; \$4.00 per 100.

Harry A. Parr. Lemon-yellow Japanese, with twisted petals, flower forming a perfect ball; strong grower with faultless stem and foliage, flower 6 inches across; the best early of its type, a fine commercial sort; crown bud for early, terminals for late; height 2 to $2\frac{1}{2}$ feet. 50 cts. each; \$5.00 per 100.

CHRYSANTHEMUMS. GENERAL LIST.—Continued.

EARLY YELLOW—Continued.

Robert Halliday. Fine clear yellow Japanese; immense bloom, 8 to 10 inches across, carried on a grand stiff stem with perfect foliage, making it an ideal flower; ready October 25; crown bud for early, terminals for late; height 2½ to 3 feet. 50 cts. per dozen; \$5.00 per 100.

Mrs. O. P. Bassett. Japanese incurved; sport from Mrs. Robinson; color light clear yellow, identical in form, size, habit and period of blooming with Robinson. 50 cts. per dozen; \$3.00 per 100.

Yellow Monarch. A yellow sport from Merry Monarch, identical, except in color; the earliest large flowering yellow chrysanthemum to date. 50 cts. per dozen; \$3.00 per 100.

Pennsylvania. Deep primrose yellow, sport of Philadelphia; identical with Philadelphia in every respect, save its color, which is a great improvement; a grand market variety, and unexcelled for exhibition purposes; height 3½ to 4 feet; stem and foliage perfect, and flower of largest size and most perfect form; this variety may be characterized as immense; a magnificent second early variety. 50 cts. per dozen; \$3.00 per 100.

MID-SEASON WHITE.

Arline. Incurved; pure white, dwarf upright habit, with excellent stem; splendid for single stem pot plants; flowers medium size, closely incurved. 50 cts. per dozen; \$3.00 per 100.

Merza. Japanese incurved; in habit more dwarf than Ivory, yet in no way weak in constitution, producing pure white flowers of the largest size, which rest upon its foliage; for single stem pot plants, this will make a record-breaker; those benched July 20 only attained 10 and 12 inches in height. 50 cts. per dozen; \$4.00 per 100.

White Flyer. Resembles Glory of Pacific in foliage and habit, attaining but 2 to 2½ feet; a high built, reflexed flower of the purest white; it is not only a fine cut flower variety, but is unexcelled for single stem pot plants; this dwarf white will be very serviceable to those desiring to plant on high side benches; mid-season; terminal bud. 75 cts. per dozen; \$5.00 per 100.

Mrs. F. A. Constable. Pure white sport of Iora and a counterpart of this beautiful variety in every particular except in color; the well-known graceful form and exquisite build of this variety, making it at once the most artistic and distinct variety known; needs no further description; indispensable in every collection. 75 cts. per dozen; \$5.00 per 100.

Mrs. N. Molynex. Clear white incurved; of a very fine form; one of the very best mid-season varieties for all purposes, with fine stem and foliage; a good shipper; in season November 1 to 10; height 4 to 4½ feet; either bud. 75 cts. per dozen; \$5.00 per 100.

Mlle. Lucie Faure. A fine, bold, handsome clear white flower, forming nearly a round ball, closely incurved; an exceedingly attractive thing; in season from November 15 to 20; certificate at New York; 4 to 4½ feet; either bud. 75 cts. per dozen; \$4.00 per 100.

Wm. H. Chadwick. An immense graceful bloom, waxy white, occasionally tinted pink; growth, habit, stem and foliage simply perfect; anybody can grow it satisfactorily; it cannot be praised too highly; mid-season or later; a grand late variety when grown on solid bed in cool house. 50 cts. per dozen; \$3.00 per 100.

Silver Wedding. The purest white; very broad petals, reflexed, forming a bold, handsome flower, 7 inches to 7½ inches diameter by 5 inches deep; one of the most distinct varieties of the season; in season from November 5 to 15; average 5 feet, with good stem; from terminal buds. 75 cts. per dozen; \$5.00 per 100.

Eureka. An extra high-class porcelain white; size and form similar to Philadelphia, petalage very abundant and well set, shipping and keeping qualities first-class; crown buds, 4 feet; one of the grandest mid-season whites, easily grown, splendid stem and foliage, immense bloom; nothing better. 50 cts. per dozen; \$3.00 per 100.

Western King. This we believe a fine commercial white; a pure white incurved flower, with outer petals slightly reflexing; maturing November 1; good from either bud; chaste and beautiful form; fine stem and foliage, 3 to 3½ feet with us. 50 cts. per dozen; \$3.00 per 100.

MID-SEASON PINK.

Dorothy Spaulding. Japanese incurved; 3 to 4 feet; early to late; second crown or terminals; massive flower, with broad cupping petals finishes one compact solid globe, fine rose-pink; magnificent stem and foliage full up to bloom; grand in size and beautiful shade; a perfect shipper and splendid keeper; can be had very early, or propagated late on solid beds, makes a grand late pink on terminals. 50 cts. per dozen; \$3.00 per 100.

Mayourneen Beautiful flesh-pink and occasionally slightly marked with clear purple; a distinct variety, with good stem and foliage, from terminal buds; in season from November 1 to 15, average 4 feet. 75 cts. per dozen; \$5.00 per 100.

Monstrorum. This will be a welcome addition to the exhibition tables, where blooms of depth, as well as breadth, are requisite; a Japanese, with tubular petals; first opening flat, assuming a globular form at maturity; color magenta-pink; 6×6 inches; mid-season, 3 feet; second bud or terminal. 75 cts. per dozen; \$5.00 per 100.

Idavan. A large, compact Japanese incurved flower of the Mrs. Henry Robinson type, the lower portion being delicate pink, and the centre florets creamy white; good stem and foliage; midseason, 3 feet; second crown or terminal. 75 cts. per dozen; \$5.00 per 100.

Autumn Glory. Japanese reflexed, height 4 to 5 feet; early midseason; deep reddish salmon, changing to a soft shrimp-pink when fully done. Extra large bloom of great depth, easily grown, good strong stem, fine healthy foliage. A new shade and a fine thing. 50 cts. per dozen; \$3.00 per 100.

CHRYSANTHEMUMS, GENERAL LIST—Continued.

Quito. Japanese incurved, 2½ to 3 feet; late mid-season; second crown bud; form and style of Maud Dean, deep shade within, lighter shade without; splendid foliage up to bloom, fine stem; healthy grower; think this will make a nice pot plant. 50 cts. per dozen; \$3.00 per 100.

Maud Dean. Rosy pink; November 5; 3½ feet, either bud; one of the very best of its color; fine for cutting. 50 cts. per dozen; \$3.00 per 100.

MID-SEASON YELLOW.

Admiral Dewey. Fine Japanese reflexed; color a pure deep chrome-yellow, fully as good as Thornden; a very easy, healthy grower, responds to any ordinary treatment, yet stands heavy feeding well; produces a very full bloom of great substance and excellent keeping and shipping qualities; foliage clean and healthy, and stands close planting without dropping leaves. 75 cts. per dozen; \$5.00 per 100.

Yellow Mme. Carnot. This is distinct from any other sport of Mme. Carnot, of which there are several, being deeper and brighter in color, larger and fuller flowers, averaging 9 inches each way. It is unquestionably the grandest and most graceful of all yellow chrysanthemums yet introduced for exhibition. November 8, for best yellow; average 5 feet; either bud. 75 cts. per dozen; \$5.00 per 100.

Yellow Mayflower. A sport from Mayflower and counterpart of that grand variety in every particular except in color, which is a clear lemon-yellow; this will certainly become one of the standard varieties; its distinct and graceful form will place it in the front rank for all purposes; average 4 feet; terminal buds. 75 cts. per dozen; \$5.00 per 100.

Nagoya. A Japanese of reflexed form, clear, bright yellow, as pure as that of Modesto; fine stem and foliage; cut November 24, a date when good yellows are very scarce; terminal bud, 4½ feet. 75 cts. per dozen; \$6.00 per 100.

Eclipse. Yellow sport of Wm. H. Chadwick; the bloom is even larger; grand in every way; winner of Eclipse '98 bicycle prize; scaled high wherever shown. 75 cts. per dozen; \$5.00 per 100.

Mrs. Trenor L. Park. Clear bright golden-yellow; in finish it is exquisite; not the slightest trace of coarseness; the stem and foliage are grand, being a free, handsome grower of medium height; a midseason variety; Japanese, the lower petals reflex so as to lay on foliage; take second crown bud. 75 cts. per dozen; \$5.00 per 100.

Major Bonnaffon. One of the very best yellows; 3 to 5 feet; an exhibition as well as a market bloom; a soft, clear yellow, incurved, perfect in form and finish, with model foliage and stem; early crown; nothing better yet out. 50 cts. per dozen; \$3.00 per 100.

Pride of Rycroft. (A yellow Niveus.) Sport from Niveus; a rich shade of primrose yellow; habit, form and general characteristics same as Niveus; 4½ feet; terminal buds; midseason. 10 cts. each; \$1.00 per dozen.

LATE PINK.

Carrie Bell. Japanese incurved; compact, very full, globular flower, same form as Ivory, but larger; color delicate shell-pink on terminals, pure white on crowns; habit dwarf, 2 feet only; stem stiff and strong, foliage heavy and well up to bloom; season late midseason to very late; can be had at Christmas; terminal buds give best color and best shaped and largest blooms; strike in July; grow on solid beds in cool house for Christmas; a valuable, very late pink. 75 cts. per dozen; \$5.00 per 100.

Xeno. A very late bright pink of the Japanese incurved type, possessing the fine foliage and habits of its parents; in color similar to Perrin, but larger and perfectly double; cut November 24; second crown or terminal bud; 3 feet. Certificated by C. S. A. 75 cts per dozen; \$6.00 per 100.

Mrs. S. T. Murdoch. November 10 to December 1; either bud, 3 to 4 feet; large size, good substance, fine-formed flower; short, strong jointed, strong stem; color a beautiful tone of light rose or pink; has proved a splendid shipper, and is a grand commercial variety; one of the very best; a grand late pink on solid beds. 50 cts. per dozen; \$3.00 per 100.

LATE WHITE.

Adula. Pure white, and a fine, bold, handsome flower, incurved, with good stem and foliage nearly up to the flower; the very best late white we have ever tried and a good keeper; it does not reach its best until the 25th to 30th of November, and can be kept in good condition until the middle of December; one of the very best varieties ever sent out; average 4 feet; good from either bud. 75 cts. per dozen; \$5.00 per 100.

Mrs. R. McArthur. Japanese incurved, 3½ to 4 feet; late; good on either bud; magnificent, crystal white, pure as driven snow; petals incurved and cupped, form hemispherical, fine strong stem, perfect glossy green foliage clear up to flower; an easy grower, free from all ailments; one of the best late whites we have grown; good in every way. 50 cts. per dozen; \$3.00 per 100.

LATE YELLOW.

Nagoya. A Japanese of reflexed form, clear bright yellow, as pure as that of Modesto; fine stem and foliage; cut November 24, date when good yellows are very scarce; terminal bud, 4½ feet. 75 cts. per dozen; \$6.00 per 100.

H. W. Rieman. Japanese incurved, 4 feet, late; terminal buds; massive deep golden-yellow, very full bloom; extra stiff stem, with grand foliage; an easy grower and splendid keeper; must be allowed to finish or will show bronzy; one of the best late yellows. 50 cts. per dozen; \$3.00 per 100.

CHrysanthemums. GENERAL LIST—Continued.

LATE YELLOW—Continued.

Maude Adams. A grand, incurved, magnificent, clear yellow Japanese, petals cup and interlace, forming a globular ball of great substance and largest size; one of the best late yellows, 4 feet; terminals, 50 cts. per dozen; \$3.00 per 100.

W. H. Lincoln. November 15; terminal bud; a well-known magnificent golden-yellow variety, with straight, flat, spreading petals, extra large flower, completely double and of great substance; one of the best late market sorts. 50 cts. per dozen; \$3.00 per 100.

CRIMSON VARIETIES.

The Barrington. 3 feet; late midseason, second crown; bright maroon, silver reverse; fine strong stem, fine foliage clear to flower; an enormous high built bloom with very broad petals, build and character of Mrs. Geo. West; an extra fine sort. 50 cts. per dozen; \$3.00 per 100.

Black Hawk. 5 feet; mideason; either bud, dark crimson scarlet; large size, strong grower, stiff stem, grand foliage; must have a cool, dry atmosphere to perfect the bloom. 50 cts. per dozen; \$3.00 per 100.

CANNAS.

The season of 1899 was very favorable for canna growth at Queens. We have an immense stock and our bulbs are large and in splendid condition.

Prices are for strong dormant bulbs except where noted, and delivery can be made at any time that weather admits of shipping. Purchasers desiring large lots are requested to send list of what they need for special quotations.

Our list has been thoroughly pruned, and contains only the cream of the existing sorts.



FIELD OF NEW CANNA PRESIDENT MCKINLEY.

Crimson Varieties.

President McKinley. Pronounced by all the best dwarf crimson bedder introduced. Color a fiery deep crimson-scarlet, the nearest approach to the color of Alphonse Bonvier of any canna we have. It is an early, constant and immensely profuse bloomer, throwing a strong flower spike early in June, when 12 to 18 inches high, and is covered continually thereafter with its startling brilliant heads of bloom. During the months of July, August, September and October it is a mass of intense color. Habit dwarf, reaching 3½ feet at the end of the season on very rich soil. It is well foliated, stools freely, and is equally valuable for pot culture, single specimens on the lawn or for massing. No florist can afford to be without it. Having a large healthy stock we can offer it at the very reasonable price of \$3.00 per 100; \$25.00 per 1000.

CANNAS—Continued.

CRIMSON VARIETIES—Continued.

Philadelphia. Bright scarlet-crimson, dwarf and free, highly recommended; a dwarf grower, very free bloomer, very fine in rich soil, when furnished abundant moisture. \$4.00 per 100.

Beaute Poitevine. An excellent free blooming dwarf variety, coming into flower early, and continuing well through the season; a brilliant fiery crimson, makes a beautiful dwarf bed. \$3.00 per 100; \$25.00 per 100.

Chas. Henderson. Height 2½ to 3 feet; color brilliant deep crimson; broad deep green foliage, narrowly margined with bronze; standard crimson bedder. \$2.50 per 100; \$20.00 per 1000.

Alp. Bouvier. Height 5 to 6 feet; color brilliant deep crimson; silvery green foliage, with chocolate-brown margin; vigorous grower, stooling rapidly; large branching trusses produced in the greatest profusion. \$3.00 per 100; \$25.00 per 1000.

J. D. Eisele. A fine vermillion scarlet overlaid with orange; a strong, free grower, with its trusses raised well above the foliage, 4 feet. \$3.50 per 100.

Tarrytown. A strong, vigorous grower, with brilliant cherry red flowers; an exceedingly free bloomer; foliage dark green, 3½ feet high. \$3.00 per 100.

GILT-EDGE VARIETIES.

Mrs. Fairman Rogers. This is really a decided improvement on Madame Crozy, being more dwarf in growth, more brilliant in color, and fully as free a bloomer, with larger spikes and large individual florets. \$3.00 per 100.

Madame Crozy. Height 3 to 3½ feet on ordinary soil, to 6 feet on very rich soil; flowers flaming scarlet, bordered with gold; an ideal bedding variety. \$2.50 per 100; \$20.00 per 1000.

Souv. d'Antoine Crozy. Height 3 to 4 feet; color brilliant deep scarlet, with distinct margin of clear yellow; a distinct improvement in color on both Madame Crozy and Queen Charlotte. \$3.00 per 100; \$25.00 per 1000.

Pierson's Premier. A distinct improvement on Queen Charlotte, being much dwarfer, much more brilliant in color, and without, a splendid bloomer; a grand pot plant and very desirable. \$2.50 per 100.

Queen Charlotte. Height 3 to 4 feet; color bright orange scarlet, broadly margined, with pure golden yellow; large, well-shaped truss. \$2.50 per 100; \$20.00 per 1000.

Gloriosa. A dwarf variety of the Queen Charlotte type, vigorous healthy habit, 18 inches to 2 feet in height. \$2.50 per 100; \$20.00 per 1000.

SCARLET VARIETIES.

President Cleveland. This variety has attracted widespread attention the past season, and is conceded to be one of the finest introductions of late years; color is bright orange scarlet; it is one of the showiest varieties; one of the best bloomers on our grounds; a grand bedder. \$3.00 per 100; \$25.00 per 1000.

Sect'y Chebanne. Clean orange scarlet, immense beads of bloom, dwarf bushy habit, immensely productive of bloom the season through; one of the best of this class. \$2.50 per 100; \$20.00 per 1000.

Paul Marquant. Clear orange scarlet, very free bloomer. \$2.00 per 100; \$15.00 per 1000.

Papa Canna. Height 2½ to 3 feet; color pure red; immense truss, with very large individual florets; an exceptionally free bloomer. \$2.50 per 100; \$20.00 per 1000.

SCARLET VARIETIES—Continued.

Robert Christie. Brilliant orange scarlet; a particularly strong grower, throwing up tremendous beads of bloom; also an exceptionally free bloomer; it is entirely distinct from any other variety of its color. \$2.50 per 100; \$20.00 per 1000.

Chicago. One of the best scarlet cannas extant; early, clean and free bloomer; splendid in every respect. \$2.50 per 100; \$20.00 per 1000.

PINK VARIETY.

Mlle. Berat. Rosy pink, clear, distinct; the best of the pink cannas; height 4 to 5 feet; trusses large and borne well above foliage; vigorous healthy grower, early profuse bloomer; very durable in confection with shrubbery or minor borders. \$3.00 per 100; \$25.00 per 1000.

YELLOW VARIETIES.

Count de Bouchard. Height 4 to 5 feet; color bright lemon yellow, heavily blotched with deep orange scarlet; large, finely shaped trusses, borne well above the foliage; one of the grandest of the yellow cannas, \$2.50 per 100; \$20.00 per 1000.

Eldorado. Height 3 to 4 feet; color clear lemon yellow, lightly spotted with orange, the general effect in the distance being that of a pure yellow; large, round, full truss; an early, exceptionally free bloomer; the best yellow to date. \$3.00 per 100.

Florence Vaughan. Height 4 to 5 feet; color bright canary yellow, heavily mottled, with deep orange scarlet; broad, healthy, light green foliage. \$2.50 per 100; \$20.00 per 1000.

Burbank. Large flower, light yellow, profuse bloomer; fine in slightly shaded situations. \$2.50 per 100.

Capt. Dragun. Deep golden yellow, spotted vermillion. \$2.50 per 100.

BRONZE VARIETIES.

Leonard Vaughan. Fine, dwarf bronze variety, splendid habit, fine large truss of bright orange scarlet flowers; foliage deep purplish bronze, and holds its color as well as any dark variety; we consider this one of the finest bronze varieties out. \$3.00 per 100; \$25.00 per 1000.

Egyptian. Height 3 to 4 feet; color bright, clear crimson, almost identical with Alphonse Bouvier; deep bronze green foliage; a clean, vigorous grower which stools rapidly; the freest bloomer of all the bronze cannas, fully the equal of Madame Crozy. \$3.00 per 100; \$25.00 per 1000.

Admiral Avellan. Height 4 to 5 feet; color orange scarlet, somewhat similar to J. D. Cabos; good sized truss borne well above the foliage, and one of the freest bloomers among the dark leaved sorts; foliage very clean, deep purplish bronze; we consider this a very valuable dark leaved sort. \$2.50 per 100; \$20.00 per 1000.

Black Beauty. (True.) A grand novelty, as highly colored as a dracæna; the most striking canna ever introduced; grand foliage, 5 to 7 feet high; the finest dark-leaved canna; nothing can equal it in color of foliage; the finest thing for centres of groups or among shrubbery wherever a tall grower is required; very scarce. \$3.00 per dozen.

J. D. Cabos. Height 4 to 4½ feet; color of flower light orange; good-sized truss, borne fairly well above the foliage; foliage deep bronze purple, \$3.00 per 100; \$25.00 per 1000.

Remember you can save 5 per cent. on all your purchases by sending cash with your order.

DAHLIAS:

We have a fine stock of extra strong field-grown roots, of our own growing. Ready for delivery at any date. Florists favoring us with their orders will receive extra good roots.

Prices are for strong, field-grown roots, with good eyes.

VARIETIES BEST SUITED FOR CUT FLOWERS.

The following varieties have been grown with us for cut flowers, and have proved very free bloomers. They produce an enormous crop of flowers with fine long stems.

Their sole requirements are a very sandy loam, well fertilized, and plenty of moisture at the roots. Seaside florists and any others who have a summer trade should try these dahlias for cut-flower purposes, as their use is increasing each year.

NEW FLORISTS' DAHLIA STORM KING.



NEW SEEDLING DAHLIA STORM KING.
From a Photograph of a Field-Grown Plant.

WHITE VARIETIES.

Purity. A pure white flower of the largest size, perfect in form and finish; a free bloomer on fine long stems. \$1.00 per dozen; \$6.00 per 100.

Henry Patrick. The best pure white dahlia in cultivation; flowers are large, borne on long stems and excellent for cutting or exhibitions; an early, profuse and continuous bloomer. \$1.00 per dozen; \$6.00 per 100.

Beauty. Strong growing dwarf habit; large pure white flower, free bloomer, fine stems. \$1.00 per dozen; \$6.00 per 100.

Snow. Dwarf, compact habit; snow-white, profuse bloomer, fine stems; very chaste and beautiful. \$1.00 per dozen; \$6.00 per 100.

YELLOW VARIETIES.

Catherine. The best pure yellow for cut flowers; magnificent color, borne on long stems, and blooms of good size. \$1.00 per dozen; \$6.00 per 100.

Mary D. Hallock. Clear yellow; very profuse bloomer on long stems. \$1.00 per dozen; \$6.00 per 100.

Fanny Purchase. Pure yellow, fine form, excellent cut flower sort. \$1.00 per dozen; \$6.00 per 100.

Duke of Edinburgh. Deep yellow, fine habit; strong grower; early bloomer; one of the best for cut flower purposes. \$1.00 per dozen; \$6.00 per 100.

The Best Flower for Summer Cut Bloom.

Magnificent perfectly formed snow-white flowers, borne in the greatest profusion on long, strong stems, perfectly suited for cut flower purposes.

The blooms are medium large size, perfect in form, with petals lightly notched. The habit is slightly dwarfer than A. D. Livoni, but is a more profuse bloomer than that variety, while the stems average longer than Livoni, as the plant branches much closer to the ground, and this low branching feature enables the plant to stand winds and drought better than any other variety.

It is a strong, vigorous grower until coming into flower, when it should receive a top dressing of manure or fertilizer in order to support the enormous and continual crop of flowers and prevent the plant exhausting itself. An inspection of the cut will demonstrate the reason for this. This seedling has been exhibited at many flower shows, and has been pronounced the best all-round **white show Dahlia** to date.

Valuable as a bedder, for cut flowers and as a pot plant. 30 cts. each; \$3.00 per dozen; \$20.00 per 100. Pot plants, ready in April, 25 cts. each; \$2.00 per dozen; \$12.00 per 100.

This will prove a boon for all florists desiring white flowers during the months of July, August, September and October. During the past season we cut thousands of flowers daily from July 15 till frost from a plot of 2000 plants.

Every Florist needs a stock
of this Dahlia.

DAHLIAS—Continued.

YELLOW VARIETIES—Continued.

Arabella. Large, pale primrose, tipped and shaded old rose and lavender, always full to the centre, and of perfect form; profuse bloomer from June until frost; fine long stems; one of the finest cut flower sorts in existence. \$1.00 per dozen; \$6.00 per 100.

Clifford W. Bruton. The finest yellow decorative cactus dahlia; it is a very strong, sturdy grower; the flowers are large, 5 to 6 inches in diameter; the color is a solid pure yellow, the clearest, richest shade. \$1.00 per dozen; \$6.00 per 100.

Mrs. E. C. Munroe. A magnificent variety, pure sulphur-yellow, large blooms, fine form, produced in endless quantities on fine long stems; a perfect bank of yellow; grand for bedding and cutting. \$1.00 per dozen; \$6.00 per 100.

Yellow Bird. Dwarf, compact habit; very free pure bright yellow; early bloomer; very fine. \$1.00 per dozen; \$6.00 per 100.

PINK VARIETIES.

A. D. Livoni. By all means the best clear soft pink show dahlia; medium to large size, form perfect, being round and full, with beautiful quilled petals; plant of medium height, branching habit. \$1.00 per dozen; \$6.00 per 100.

Apple Blossoms. A very pretty variety that combines all the new shades found in apple blossoms, from red, pink and carmine to pure white. \$1.00 per dozen; \$6.00 per 100.

Mrs. Gladstone. A beautiful delicate shell-pink; one of the finest varieties we have; a grand bloomer; a perfect mass of bloom and a grand sort for cutting. \$1.00 per dozen; \$6.00 per 100.

Nymphaea. (The Pink Water Lily Dahlia). One of the finest in the entire list; a very strong, sturdy grower; the flowers are produced in endless quantities on long stems well supplied with buds and foliage; the color is a soft, delicate, light, shrimp pink, shading slightly darker toward the outer petals. \$1.00 per dozen; \$8.00 per 100.

Souv. de Mme. Moreau. Magnificent pink color of A. D. Livoni; enormous flowers; magnificent stem, free bloomer and a very strong vigorous habit \$1.00 per dozen; \$8.00 per 100.

SCARLET VARIETIES.

Aurora. Magnificent, healthy, vigorous habit; immense flower, color deep velvety crimson; splendid bloomer; desirable in every way; one of the finest dahlias grown. \$1.00 per dozen; \$6.00 per 100.

FANCY VARIETIES.

Frank Smith. Rich dark maroon, tipped pinkish white; the two colors are beautifully blended; a grand combination of rich and lustrous tints, early and continuous bloomer; best fancy dark sort. \$1.00 per dozen; \$6.00 per 100.

Grand Duke Alexis. Creamy white, tipped with lilac, a huge flower; 6 inches in diameter; petals curiously and regularly fluted, forming a most perfect bloom; habit magnificent; a grand cut flower sort; nothing can excel the enormous flowers; stems well foliated; cut blooms outsell all others. \$1.00 per dozen; \$6.00 per 100.

H. F. Michell. (Cactus). An enormous flower of the pure cactus type; rich, soft yellow, shading to deep orange-red, blending in perfect harmony; flower is of a remarkable form, with broad pointed curiously twisted and incurved petals; the best true cactus dahlia that we have for this climate. \$1.00 per dozen; \$8.00 per 100.

Black Prince (Decorative). Dark velvety maroon, nearly black; large, perfectly formed flowers, very full to centre; profuse bloomer; strong, compact grower; finest dahlia of its type. \$1.00 per dozen; \$6.00 per 100.

Ruby Queen. A beautiful variety, resembling an American Beauty rose when fully expanded; clear ruby-red, richly shaded; early and profuse bloomer; one of the very best varieties in cultivation; always beautiful; profuse bloomer from June until frost; one of the best sorts for cut flowers; nothing produces a more constant crop. \$1.00 per dozen; \$6.00 per 100.

SPECIAL OFFER!

In order to induce customers to send cash with their orders we offer the following Special Inducements:

To every customer sending us an order for Novelties amounting to \$25.00, cash to be sent with the order, we will send one of our **Special Greenhouse Thermometers** valued at \$2.00.

To every customer sending us an order for Novelties amounting to \$50.00, cash to be sent with the order, we will send one **Rochester Galvanized Pneumatic Sprayer**, valued at \$5.00.

To every customer sending us an order for Novelties amounting to \$75.00, cash to be sent with the order, we will send one copy of the "Florists' Manual," valued at \$5.00.

To every customer sending us an order for Novelties amounting to \$100.00, cash to be sent with the order, we will send one **Rochester Copper Pneumatic Sprayer**, valued at \$6.50.

The above extras are given instead of our regular cash discounts, and no cash discount allowed where these extras are claimed.

TAKE NOTICE! These liberal offers are made to save the expense of collection, correspondence and bookkeeping, and positively no article will be sent unless cash, New York Draft, or P. O. order, is, in every instance, sent with the order.

Cottage Gardens Long Distance Greenhouse Thermometer.

Polished copper case, seasoned tube, graduated and tested for accuracy, magnified or long distance scale, graduated from 30° to 110° Fahrenheit. Best and most durable greenhouse thermometer yet made. Easily read at long distance. \$2.00 each. (See Special Offer above.)

The Florists' Manual. By WM. SCOTT.

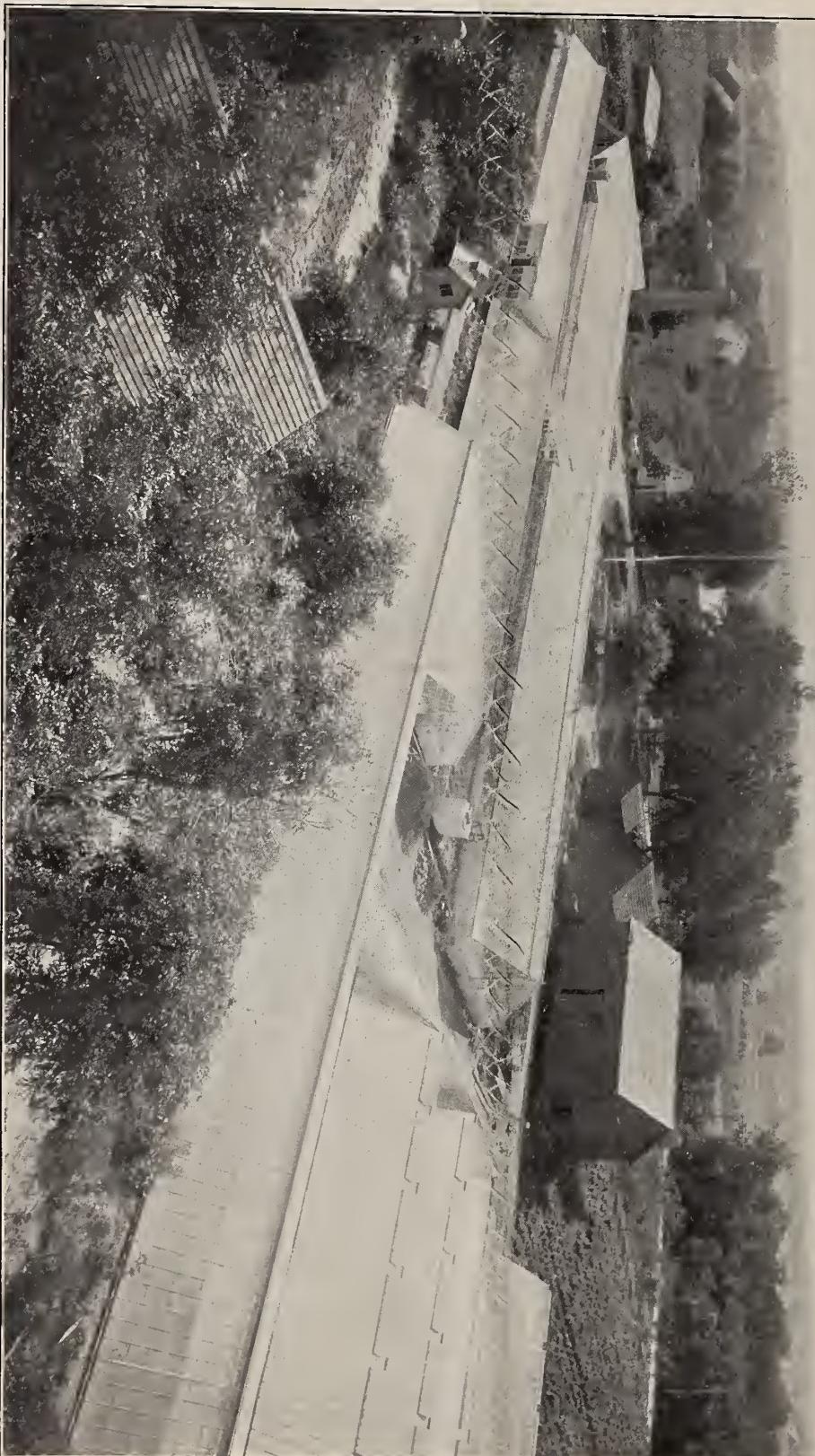
A complete guide for the commercial florist. Worth twice the price asked. Sent postpaid on receipt of \$5.00. (See Special Offer above.)

Rochester Pneumatic Sprayer.

Neatest Sprayer out, self-operating, makes spraying a pastime. Only spraying machine suitable for greenhouse work. Made in copper for Bordeaux and acid mixtures, and galvanized for Tobacco Extract and non-acid mixtures. Price in copper, \$6.50 each. Price galvanized, \$5.00 each. F. O. B. N. Y. City.

(See cut and Special Offer above.)

ROCHESTER PNEUMATIC SPRAYER.



Cottage Gardens Carnation Houses.—Bird's Eye View of New Range.